

SURFACE USE PLAN
ExxonMobil Oil Corporation
Piceance Creek Unit 297-2C1-10
Section 2, T2S, R97W 6TH P.M.
RIO BLANCO COUNTY, COLORADO

- a. EXISTING ROADS: Shown on Topographic Map "A",
1. Topographic Map "A" shows the proposed well as staked.
 2. Beginning at the city of Rifle Colorado, proceed north on Highway 13 approximately 18.8 miles to the junction of Rio Blanco County Road #5. Turn west and proceed approximately 17.8 miles to the junction of Rio Blanco County Road #3. Turn north for approximately 4.7 miles to CR 3A. Turn west on CR 3A for approximately 0.7 miles. Turn west/ southwest on Rio Blanco CR #76 for approximately 3.4 miles. Continue north on existing lease road for 0.6 miles to wellpad PCU 73-11 SWD. The new access road begins approximately 300' east of wellpad PCU 73-11 SWD. Follow access road stakes north along two-track trail for 1653' to the proposed PCU 297-2C wellpad.
 3. All existing roads in the area of the drill site are shown on Topographic Map "A". Maintenance of county roads used for access to PCU 297-2C will be coordinated with Rio Blanco County Road & Bridge Department. Non-county roads will be maintained to BLM Manual 9113 standards. Maintenance will include grading, watering for compaction/ dust control, ditch maintenance and ROW treatment for noxious weeds. Weed control will be performed by certified applicator and conform to the Pesticide Use Proposals (PUP) filed with BLM.
- b. NEW or RECONSTRUCTED ACCESS ROADS: Approximately 1653'+/- of new access road will be constructed to access the wellpad and production facilities. The location of the new access road is provided on Topo 'B' (attached).
1. Road Design Criteria. Access roads have been designed to BLM Manual Section 9113 standards for 'Local Road' classification. The new access road will feature a cleared width of approximately 40' with an 18' wide running surface. Typical access road cross-section is provided on Page 13. Road will be crowned with 2% cross-slope.
 - a. The maximum grade for the access road will not exceed 8%.
 - b. A turnout will be located on the main curve of the new access road . Approximate turnout location is provided on ISWMP Figure 2.1 and Topo 'B' (attached).
 - c. One 18" culvert will be installed to facilitate cross drainage of the new road. Culvert locations are shown on ISWMP Figure 2.1 and 3 (Attached).
 - d. Road will be surfaced to provide 'all-weather' access using 6" compacted road base aggregate. Aggregate for road surfacing will be hauled over existing roads from commercial sources in Rio Blanco County:
 - i. Connel Gravel Pit - Intersection Highway Rio Blanco Co. 5 & US Co. 64, Rio Blanco Co. (Sec 1, T1N, R97W).
 - ii. Newpark Resources Gravel Pit - CR 3, Rio Blanco Co (Sec 8, T2S, R96W).
 - e. No fence crossings/ cattle guards are required for this access road. However, a temporary cattle guard will be installed during Interim Reclamation when a fence is installed to ensure vegetation establishment.
 - f. The proposed access road will be centerline (offset reference) staked prior to construction.

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c. LOCATION OF EXISTING WELLS

1. Water Wells: None.
2. Abandoned wells: See Topo 'C'.
3. Temporarily abandoned wells: None.
4. Disposal Wells: See Topo 'C'.
5. Drilling Wells: None.
6. Producing Wells: See Topo 'C'.
7. Shut-in Wells: See Topo 'C'.
8. Injection Well: See Topo 'C'.
9. Monitoring or observation wells: None.

d. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

Production Facilities will be located on the wellpad as per the attached 'Production Facilities Plot Plan' (Dwg WP297-02C-10-002). Unused areas of the wellpad will be reclaimed, as described in Section 'J' of this document, following drilling & completion operations. The following table describes the primary production facilities for this wellpad:

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Production Facilities Description

Facilities	Design Standard	Description	Purpose
Line Heater Skids	ASME B31.3, API 12K	1 each (wells 1 -10)	Pre-heats well stream to avoid freeze-off during initial well flow
Choke Skids	ASME B31.3	1 each	Individual well control and flowline pressure protection.
Gas Liquid Compact Cyclone Modules (GLCC)	ASME B31.3	1 each. 10 vertical 12" O.D. x 12' 3-phase production separators per module	Separate gas, condensate, and water from wells in the continuous test to measure individual well's gas, condensate, and water production. Note: gas will flow through the production separator's gas orifice meter prior to leaving the well pad; this will serve as the gas sales measurement.
Primary Separator Module (single Unit, common gathering)	ASME B31.3	1 each. Horizontal 60" x 15' 2-phase production separator	Combined well pad separation of gas and liquids . Production flows to common gathering trunk line system. Gas orifice meter used for gas sales measurement.
Primary Pipeline Pump Module	ASME B31.4	1 each	Pumps condensate and produced water from well pad to common gathering trunk line system.
Utility Module	ASME B31.3	1 each	Provides electrical generation, instrument air compression, and control system hardware.
Blowdown tank	API 12F	1 each, 400 bbl	Accumulates liquids from well pad process equipment during routine operations and maintenance activities.
Flowline from Wellhead to Line Heater Skid	ASME B31.3	3" XXH Fusion bonded externally coated pipe	Transfers full well stream production to production facility plot limits.
Gas Flowline	ASME B31.3	On pad Flowline	Flow gas from the production separator to the gas gathering system tie in point on the edge of well pad location
Gas Flowline	ASME B31.8	Off pad Flowline	Flow gas from the well pad into the gas gathering trunk line system
Liquids Flowlines	ASME B31.3	On pad flowlines	Flow combined liquids from onsite production separation to tie in point on edge of well pad location
Liquids Flowlines	ASME B31.4	Off pad flowlines	Flow combined liquids into the trunk line gathering system to the PA tank battery.

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- i. The proposed facilities will consist of an underground flowline from each wellhead to a 3-phase production cyclone separator. The cyclone separator will provide continuous production/ test data from each well. Gas and liquids from the cyclone separators will be recombined and routed to a 2-phase production separator. The 2-phase production separator will be used to separate gas, for total gas measurement for the pad, and liquids (condensate/ water), into the combined liquids gathering system for the unit, from the combined wells.

- ii. FLOWLINES:

Gas from the sales measurement unit will flow into a new eight (8) inch carbon steel buried flowline and off the well pad. This flowline will tie into the existing 8" gas gathering pipeline located approximately 3100' SSE of the wellpad (see Topo 'D' – attached).

Condensate and produced water from the separator skid will flow into a four (4) inch composite poly/ carbon steel combined liquids line to be buried to the tie-in point on the existing 4" combined liquids gathering pipeline located approximately 3100" SSE of the wellpad (see Topo 'D' – attached). Condensate from the pad will be sold via lact unit at the recently installed Black Sulfur Separation Facility (Piceance Phase 1). Condensate production rates of individual wells will be allocated back based on condensate production measurements taken via the test separator.

This configuration of facilities is as agreed to in the 'Measurement & Reporting Plan for Piceance Basin Development' dated February 16, 2006.

Flowline Construction. The flowlines will be buried in a common trench with minimum 3' of cover. BMPs (shown on attached ISWMP Figure 2) will be utilized to minimize potential impacts from the pipeline construction. Woody debris material will be cleared and rolled to the downgradient side of the right-of-way where feasible to act as brush barrier. Wattles will be installed along the downgradient portion of the flowline alignment where the pipe ties into an existing line. Topsoil will be stored on one side of the proposed trench (the upgradient side where feasible) and will be kept within the existing right-of-way. Topsoil will be kept separate from the spoils. Spoil stockpiles from trench excavation will either be stored between the topsoil and the trench or on the opposite side of the trench from the topsoil. Wattles may be installed on the downgradient boundary of stockpiles when there is potential for sediment to leave the pipeline right-of-way. Once the pipe has been installed, the trench will be backfilled with the excavated spoils and compacted as required by the specifications. The topsoil will then be spread back across the disturbed area.

The disturbed area will be reseeded, mulched and crimped as part of final reclamation using a BLM-approved seed mixture. Seeding success will be periodically evaluated. Successful vegetation is expected within three growing seasons. Reseeded areas will be inspected periodically to ensure success. In the event that seeding does not appear to germinate, areas will be reseeded.

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iii. Surface Disturbance (linear facilities):

Purpose	Length	X	Width	= Square Feet	Surface Area Disturbed (43560 ft ² /acre)
Flowline(s) 8" Gas 4" Comb Liq 4" PWDD	1700'	X	50'	85,000	2.0 Acres
8" Gas 4" Comb Liq	1400'	X	50'	70,000	1.6 Acres
4" PWDD	540'	X	50'	27,000	0.7 Acres
Wellpad Access	1653'	X	40'	66,120	1.5 acres
Total Planned Disturbance:					5.8 Acres

e. LOCATION AND TYPE OF WATER SUPPLY.

Fresh water will be trucked from permitted ExxonMobil surface water storage facilities: Love Ranch Fresh Water Storage Pond (Sec 9, T2S, R97W), B&M Fresh Water Storage Pond (Sec 26, T2S, R97W), and PCU 23-18 Fresh Water Storage Tank (Sec 18, T2S, R96W). Water will be hauled to the location using existing roads as shown on Drawing No. WP297-02C-10-001 (attached). No new roads will be constructed for purpose of water haulage.

Produced water used for drilling & completion operations will be supplied from the ExxonMobil Produced Water Distribution and Disposal System (PWDD) located near PCU 73-11 SWD. Approximately 2240' of 4" pipeline will be installed along the route shown on Topo 'D' (attached) and tied in at an existing 8" side valve. The PWDD pipeline will be buried with a minimum cover depth of 3'. Construction techniques will be identical to those described in Section d.ii (above). The PWDD pipeline will be buried in a common trench with the gas & combined liquid flowlines along 1700' of the proposed corridor. Approximately 540' of new PWDD ROW will be required to reach the planned tie-in point (existing 8" valve).

Anticipated water sources and volumes are provided on Page 14.

f. CONSTRUCTION MATERIALS:

1. Wellpad sub-grade will be constructed by normal cut and fill methods. Cut has been balanced to meet fill requirements. No offsite borrow will be required to construct the subgrade. Construction techniques are described in Section 'i' of this document.
2. Surfacing material will be hauled over existing roads from commercial sources in Rio Blanco County:
 - i. Connel Gravel Pit - Intersection Highway Rio Blanco Co. 5 & US Co. 64, Rio Blanco Co. (Sec 1, T1N, R97W).

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- ii. Newpark Resources Gravel Pit - CR 3, Rio Blanco Co (Sec 8, T2S, R96W).

g. **METHODS FOR HANDLING WASTE:**

Waste materials will be contained and disposed of as follows:

1. Drilling fluids will be contained in lined pits constructed to BLM Goldbook, Onshore Order #1 standards and to meet Colorado Oil and Gas Conservation Commission (COGCC) requirements or steel tanks on the wellpad during drilling operations. The reserve and dry cuttings pit/ trenches will be lined using synthetic liner with thickness of 24 mil.

Dimensions of Active Circulation Earthen Pits

See Wellpad Plans for Details & Volumes

Description	Length	Width	Depth
Fresh Water Pit	160'	80'	12'
Reserve Pit (Overall) Includes 100' x 40' x 12' dp Circulation Chamber	160'	145'	15'

Drill cuttings will be disposed of in the reserve pit or dry cuttings pit/trenches and buried with at least 4' of cover. If needed to dry the cuttings and accelerate the pit closure process, the cuttings may be solidified by mixing a drying agent. Excess pit liner above 'free board' elevation will be removed and disposed as trash (see Section 4 below).

If cuttings have been removed from the reserve pit and relocated for disposal, the reserve pit will be relined (with min 24 mil reinforced liner) before completion operations begin. Cuttings are transferred directly from the reserve pit to the cuttings pit and are not stored directly on the wellpad.

2. In the event that ExxonMobil Corporation has used diesel in the drilling mud system and the drill cuttings/fluids contain greater than 1% diesel net weight, these cuttings will be transported via tanker truck over existing roads a state approved disposal site. The BLM White River Resource Office (Petroleum Eng Tech – Bill Kraft at 970-878-3873) will be contacted prior to testing the cuttings from our first well so the BLM may witness the testing procedures. Currently disposal sites on our approved list in the area are:

Ace Oilfield Disposal, Inc. (Vernal, UT)
RN Industries (Roosevelt, UT)

3. All mud cuttings will meet the requirements of the COGCC before being buried on-site. All cuttings will have all harmful properties of the waste reduced or removed and the mobility of leachate constituents reduced or eliminated.
4. Trash, waste paper, and other garbage will be contained in (closed) metal trash dumpsters on the wellpad site and hauled (by third party contract trucking) to the Rio Blanco County Landfill.
5. Salts that are not used in the drilling fluid will be removed from the location by the supplier. Empty sacks are placed in the trash for disposal to landfill (reference Item 6 above).
6. Sewage from the trailer houses will be disposed of in a manner meeting the Rio Blanco County Regulations, as under the guidance of Colorado Water Quality Control Commission, Department of Public Health and Environment.

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Sewage will normally be stored, on-site, in above ground septic tanks. Contents are periodically hauled to municipal water treatment plants at Meeker and Craig, Colorado for disposal.

7. Chemicals that are not used in the drilling and completion of the well will be removed from the location by the supplier. Used drums are returned to the vendor for reuse.
8. Waste oils are handled by a third party contractor during oil change operations and removed from the wellpad for recycling. Oil filters, oily rags and other hydrocarbon contaminated wastes are stored onsite in 55 gallon waste disposal drums and removed from the wellpad by third party contractor for disposal at a licensed facility. Used glycols are stored in 55 gallon drums for collection by a third party contractor and removed from the wellpad to a licensed disposal/ recycling facility. All drums containing waste oils/ used glycols are stored in a lined/ bermed area (on the wellpad) with 110% (volume) storage capacity.
9. Drilling fluids will be removed by vacuum truck to another active location and/or will be allowed to evaporate in the reserve pit until the pit is dry enough for back filling. Water produced during tests will be disposed of in the reserve pit as per Onshore Order 7. Oil produced during tests will be stored in test tanks until sold, at which time it will be hauled from the site. In the event fluids in the pit do not evaporate in a reasonable time, the fluids will be hauled to a state approved disposal site or will be mechanically evaporated.

Pits containing water that would provide a medium for breeding mosquitoes will be treated to control mosquito larvae. Treatment will include application of Bti (*Bacillus thuringiensis v. israelensis*) or other approved mosquito larvacide.

10. The reserve pit will be fenced on three sides with a 4-strand barbed, woven wire fence, or portable 'cattle panels' during drilling and on the fourth side after the rig is released. Alternate barrier types may also be used upon approval of the BLM. In order to prevent use by migratory birds, reserve pits that store or are expected to store fluids which may pose a risk to such birds, during completion and after completion activities have ceased, shall be netted. If any other means than netting are used, ExxonMobil will notify BLM prior to beginning completion activities.
 11. Water separated during production operations will be transported from the site via dedicated pipeline (reference Section 'd' above) and combined with water produced from other active wellpads in the field area to the Piceance Produced Water Disposal (PWD) system located at the ExxonMobil Black Sulphur separation facility. The PWD system will pressurize the produced water for disposal at permitted water injection wells located in the PCU wellfield area or for reuse in drilling & completion operations.
- h. ANCILLARY FACILITIES: No offsite camps, airstrips, etc. will be constructed.
- i. WELL SITE LAYOUT NARRATIVE & PLAT:
1. Figure 1 (Sheets 1 - 5) provides the proposed well site layout and earthwork requirements. Overall disturbance limits of the wellpad, including BMP installation, are estimated at 10.68 acres. Disturbance limits area shown on attached ISWMP Figures 2.1, 2.2 and 3. The existing range fenceline that bisects the wellpad will be removed and tie-in to new wellpad perimeter fencing as indicated on the wellpad grading plan (attached).
 2. All equipment and vehicles will be confined to the access road and pad area outlined in Topographic Maps "A" and "B".

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3. Mud pits in the active circulation system will be steel pits. The reserve and fresh water pits will be lined with synthetic liner with thickness of 24 mil.
4. Wellpad Construction:
 - a. If snow is encountered , the snow will be removed before construction begins or the topsoil is disturbed and placed downhill of the topsoil stockpile location.
 - b. All available topsoil will be stripped on well locations and access roads, prior to construction, and stockpiled for use in reclamation of the site. Topsoil stockpile will be clearly segregated from any spoil pile and placed in location shown on attached Figure 1 – ‘Wellsite Grading Plan’. Topsoil depth at this site is estimated at 6”. Topsoil will be temporarily seeded and covered with a wildlife friendly biodegradable erosion control blanket. Additionally, wattles will be installed on the downgradient end of the topsoil pile as indicated on attached ISWMP Figure 3 ‘Proposed BMP ISWMP Drawing’.
 - c. Wellpad subgrade will be constructed using cut/ fill methods to achieve the required site profile. Embankments may be layer placed or constructed by side casting/ end dumping. The upper 24” of embankments will be installed in compacted layers to achieve a minimum 95% modified proctor density (ASTM D 1557). Rock, if encountered, will be placed in the lower portions of the embankment. No offsite borrow will be required for subgrade construction at this site. Excess cut will be stockpiled in areas shown on attached Figure 1 – ‘Wellsite Grading Plan’. Cut/ fill slopes will be constructed to achieve stable angles of 1h:1v (cut) and 1.5h:1v (fill).
 - d. Aggregate surfacing (road base material) will be hauled, placed, and compacted to achieve necessary thickness to provide ‘all weather’ surface. Aggregate will be obtained from commercial sources:
 - i. Connel Gravel Pit - Intersection Highway Rio Blanco Co. 5 & US Co. 64, Rio Blanco Co. (Sec 1, T1N, R97W).
 - ii. Newpark Resources Gravel Pit - CR 3, Rio Blanco Co (Sec 8, T2S, R96W).
4. BMP’s associated with stormwater management / erosion control will be applied to the site during construction & drilling/ completion operations. Wattles will be used for perimeter runoff control around the wellpad and stockpiles. Following construction, the need for temporary stabilization measures for cut/ fill slopes will be evaluated based upon rock content and degree of slope. In areas of rock content > 50%, no erosion control measures on slopes will be implemented and primary BMP will be wattles at the toe of the fill slope. Where < 50% rock content, surface roughening and erosion control blankets will be used to stabilize the fill slopes. If field conditions do not allow for effective surface roughening or installation of erosion control blankets, hydromulching may be used. If hydromulching is used, the seed will be sprayed at double the drill seeding rate followed by application of hydromulch. Location & type of BMP’s are provided on attached Figure 3 ‘ Proposed BMPS ISWMP Drawing’. No offsite dikes or ditches are required to control runoff to/ from the wellpad.
- j. PLANS FOR SURFACE RECLAMATION:
 1. Upon completion of the drilling & well completion operations and disposal of trash/ debris as described above, pits will be backfilled and recontoured as soon as practical after they have dried. Drill cuttings will be disposed of in the reserve pit and/ or the dry cuttings pits/ trenches. Cuttings will be buried with at least 4’ of cover. Excess pit liner

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above 'free board' elevation will be removed and disposed as trash (See Section 4 below).

If cuttings have been removed from the reserve pit and relocated for disposal, the reserve pit will be re-lined with a 24 mil (min thickness) reinforced liner prior to completion operations. Cuttings are transferred directly from the reserve pit to the cuttings pit and are not placed directly on the wellpad.

2. Unneeded disturbed surfaces remaining after drilling and completion operations will be shaped to match the surrounding terrain and seeded as specified by the BLM. Site specific BMP's associated with 'interim reclamation' will be applied per the ISWMP for this site. The specific measures described below will also be addressed in the ISWMP.
 - a. Areas required for production operations are shown on attached 'Interim Reclamation Plan' for PCU 297-2C (attached ISWMP Figure 5). Approximately 3.4 acres will be required to support production operations. Earthwork for reclamation of unneeded disturbed area (7.3 acres) will normally be completed within 6 months of well completion per Onshore Order #1, depending upon season.
 - b. Regrading will consist of cut/ fill operations to return disturbed areas not required for production to approximate original contour (as shown on the attached 'Interim Reclamation Plan'). Stockpiled spoil will be incorporated into the regraded area in locations which will be available for final recontouring upon well abandonment. Shale/ rock will be placed in the lower portions of filled areas as appropriate. Following regrading, areas compacted by earthworks will be scarified to a minimum depth of 6" and the stockpiled topsoil will be distributed evenly across the reclaimed area.
 - c. Following topsoil placement, the seedbed will be prepared by disking or ripping. The area will be seeded with the approved BLM seed mixture for 'Pinion Juniper Woodlands' (Seed Mixture #3). Seed will be certified and free of noxious weeds. Seed certification tags will be submitted to the area manager. Seed will be drilled 'on contour' to a depth no greater than ½". In areas too steep to operate the seed drill, seed will be broadcast at double the seeding rate and harrowed into the soil. Alternatively, hydromulching may be used in these areas. If hydromulching is used, the seed will be applied first at double the seeding rate prior to hydromulch application. No soil treatments are planned for this site. All slopes 3(h):1(v) or steeper will be covered with wildlife-friendly biodegradable fabrics (such as, but not limited to, jute blankets, Curlex, etc.).

Erosion control BMP's will be used along the pipeline ROW during construction and until successful vegetation has been established in the disturbed area as indicated on ISWMP Figure 2 (Attached).
 - d. Following seeding and placement of biodegradable fabrics (as required), woody debris cleared during initial construction will be pulled back over the recontoured/ partially reshaped areas to act as flow deflectors and sediment traps. Available woody debris will be evenly distributed so as not to account for more than 20% of total ground cover (or 3 – 5 tons/ acre).
 - e. Immediately after interim reclamation is concluded, livestock grazing will be excluded from all reclaimed portions of the wellpad by installation of a four-strand BLM Type-D barbed wire fence with braced wooden corners. A BLM-specified cattleguard will be placed at the time of fence construction for vehicle access to the wellpad and production facilities. Once reclaimed plant species are fully

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established, the fence and cattle guard will be completely removed after a minimum of 2 growing seasons.

- f. BMP's during interim reclamation will include surface roughening, seeding and erosion control blankets. Runoff from the regraded areas will continue to be controlled at the perimeter of the disturbed area using wattles. These measures will continue to be maintained around the perimeter of the site until stabilization of the reclaimed areas has been achieved.

Plans for implementation of specific BMP's on the wellpad, access road and pipeline during 'interim' reclamation are shown on ISWMP Figure 5 (attached).

- i. Noxious weed control will be performed 1 – 2 times annually (during the growing season). Weeds to be treated include houndstongue, black henbane mullein, spotted/ Russian knapweed, leafy spurge and toadflax. Applications will be performed by certified pesticide applicator and conform to approved BLM Pesticide Use Proposals (PUP) specific to the Piceance Creek field area.
- g. Upon final abandonment of the wells, ExxonMobil will return all remaining disturbed areas to approximate original contour and rehabilitate the road and location to a satisfactorily revegetated, safe and stable condition per BLM specifications. If final reclamation requires disturbance > 1 acre, stormwater permit coverage under the State's stormwater program will be re-opened.
 - i. Topsoil will be removed from remaining sideslope and temporarily regraded areas (interim reclamation) and stockpiled for redistribution on final graded areas.
 - ii. Natural drainage patterns will be restored and stabilized by application of BMP's per approved SWMP for this site. These BMP's include surface roughening, permanent seeding and may include use of erosion control blankets following regrading operations. Storm runoff from the regraded areas will continue to be controlled using wattles and other appropriate BMP's until stabilization of the reclaimed area has been achieved.
 - iii. Procedures for reseeding & mulching described for interim reclamation (ref Paragraphs (c) and (d) above) will also be followed for final reclamation of the site.
 - a. Noxious weed control will be performed 1 – 2 times annually (during the growing season). Weeds to be treated include houndstongue, black henbane mullein, spotted/ Russian knapweed, leafy spurge and toadflax. Applications will be performed by certified pesticide applicator and conform to approved BLM Pesticide Use Proposals (PUP) specific to the Piceance Creek field area
 - iv. Livestock will be excluded from the final reclaimed wellpad areas by installation of a four-strand BLM Type-D barbed wire fence with braced wooden corners, unless otherwise instructed by the BLM.
 - h. Rehabilitation operations (both interim & final) will start in a timely manner following the completion of operations per Onshore Order #1, typically the following construction season. Site specific BMP's will be applied as described above. Additional reclamation efforts will be undertaken if, after the first growing season, there are no positive indicators of successful establishment of seeded species (ie germination). Reclamation efforts will continue so as to ensure a sufficient vegetative ground cover from reclaimed plant species within (3) three growing seasons after the application of seed.

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k. SURFACE OWNERSHIP

1. Surface and minerals ownership at the wellpad is the Bureau of Land Management (BLM). Agency Address:

Bureau of Land Management, White River Field Office, 220 E Market St., Meeker Co. 81641. Telephone: 970-878-3800.

l. OTHER INFORMATION

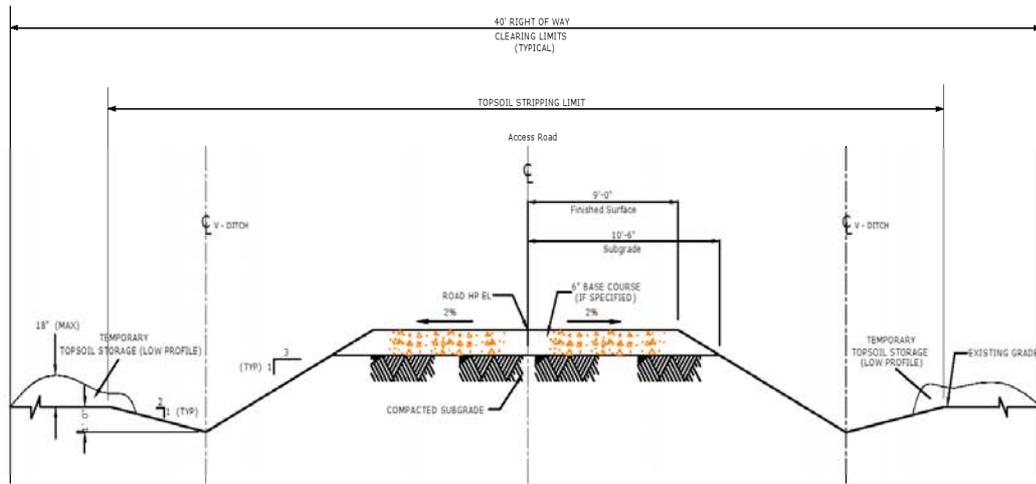
1. Fragile soils, defined by the BLM as saline soils occurring on slopes greater than 35 percent, are indicated around the northern and eastern portion of the well pad. As a result, several measures have been used to properly stabilize soils and retain soil productivity. BMPs that will be utilized include installing wattles and brush barriers (where feasible) during construction, limiting the time of construction to the extent feasible, covering and seeding topsoil piles associated with the well pad, and seeding, mulching and crimping after construction has been completed

Primary woody cover are pinion juniper. Shrubs include Wyoming big sagebrush, mountain mahogany and service berry. Dominant grasses and forbs are intermediate wheatgrass, western wheatgrass, needle & thread, june grass and slender wheatgrass. Noxious weeds are also present within the area of proposed disturbance.

2. An archaeological investigation will be conducted and report prepared for the proposed access road and well site. Information will be submitted to the BLM.
3. The onsite for this pad was conducted on May 27, 2010. The well site name at the time of the onsite was PCU 297-2C.
4. The proposed well pad is located near the crest of a ridge south of Hatch Gulch. Primary drainage from the wellpad area flows east and west to intermittent drainages which flow north into Hatch Gulch. Hatch Gulch is an intermittent drainage which flow west - northwest to Piceance Creek.
5. Total maximum surface disturbance is estimated at 16.5 acres including the drilling/production facility pad, access road, flowlines and installation of storm water management BMP's. Maximum disturbed area is indicated on ISWMP Figure 2 (attached).
6. ExxonMobil and the Colorado Division of Wildlife (CDOW) have executed a Wildlife Mitigation Plan (WMP). Through this WMP, CDOW approved continuous year round activity for all ExxonMobil activities on all of our Federal Units subject to incorporation and utilization of mitigation measures and Best Management Practices that are identified in the WMP.

ExxonMobil requests WRFO to analyze continuous year round activities (to include: construction of roads, pad, pipeline, facilities, drilling, completion, production and interim reclamation) in all current and future NEPA documents prepared by WRFO. ExxonMobil defines "continuous year round activity" as multi-year activities which require approval by a Waiver or Modification, and not an Exception.

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TYPICAL SECTION ACCESS ROAD

NOTES:

1. See BLM "GOLD Book" for typical "embankment" and "sidehill" section requirements.
2. Road minimum top width 18' unless otherwise noted.
3. Clear all areas within Right Of Way.
4. Grubbing/Stripping shall be limited to the area shown.
5. Topsoil stripping depth shall be an average of 4".
6. Material and compaction of road base shall be in accordance with project specification.
7. Use excavated ditch material to shape subgrade.

Typical Wellpad Access Road
 Cross - Section
 Piceance Development Project

REV.	DATE	REVISION DESCRIPTION	ENG.	DRAWN	CHECKED	APPROVED
P1	15 APRIL 08	Modified ROW Width		SB	SB	WFT
P	15 MAR 08	Preliminary		SB	SB	WFT

EXXONMOBIL

Drawn by: SB Checked by: SB

Date: April 25, 2008 Scale: N.T.S.

Drg No. PC-08-020

SURFACE USE PLAN
ExxonMobil Oil Corporation
Piceance Creek Unit 297-2C1-10
Section 2, T2S, R97W 6TH P.M.
RIO BLANCO COUNTY, COLORADO

Water Source & Delivery Information (Per BLM Onshore Order #1)

Water Use Operation	Volume per Well (Bbls –Est)	Volume Per Wellpad (Bbls -Est)	Water Type	Water Delivery Method	Water Source	Permit Number	Comments
Construction	N/A	15,000	Fresh	Truck	ExxonMobil B&M and Love Ranch Fresh Water Reservoirs	Appropriation Number 98CW259	See Haul Route Map (Attached)
Dust Abatement	N/A	10,000	Fresh	Truck	ExxonMobil B&M and Love Ranch Fresh Water Reservoirs	Appropriation Number 98CW259	See Haul Route Map (Attached)
Drilling	10,000 (Surface Section)	100,000	Fresh	Truck	ExxonMobil B&M and Love Ranch Fresh Water Reservoirs	Appropriation Number 98CW259	See Haul Route Map (Attached)
Drilling	24,000 (Int & Prod Sections)	240,000	Produced (SWD)	Pipeline	PCU PWD System	N /A	Pipeline will tie-into PCU 23-18 PWD pipeline.
Completion	50,000	500,000	Produced (SWD)	Pipeline	PCU PWD System	N/A	Pipeline will tie-into PCU 23-18 PWD pipeline.

SURFACE USE PLAN
ExxonMobil Oil Corporation
Piceance Creek Unit 297-2C1-10
Section 2, T2S, R97W 6TH P.M.
RIO BLANCO COUNTY, COLORADO

ATTACHMENTS

TITLE	DESCRIPTION	DATE/ REVISION
Topographic Maps		
Topographic Map 'A'	Access Map	7/14/2010
Topographic Map 'B'	Proposed Access Road	8/17/2010
Topographic Map 'C'	Area Map	8/17/2010
Topographic Map 'D'	Flowline Map	8/17/2010
Sheet 'E'	Aerial Photo Map	7/13/2010
Water Haul Route – Dwg WP297-02C-10-001	Fresh Water Haul Route & Distances to Wellpad	7/14/2010
Wellpad Plans		
Location Layout (Sht 2)	Wellpad Grading Plan	7/06/2010
Cross Sections (Sht 3)	Wellpad Cross-Sections & Quantities	7/06/2010
Typical Rig Layout (Sht 4)	Wellpad Plan View	7/06/2010
Finish Grading Plan (Sht 5)	Wellpad Finish Grade Elevations	7/06/2010
Production Facilities Plot Plan – Dwg WP297-02C-10-002	Wellpad Facilities Layout	8/02/2010
Photos		
Wellpad Photo 1 & 2	Center Stake & Access View	7/12/2010
Wellpad Photo 3 & 4	North & East View	7/12/2010
Wellpad Photo 5 & 6	South & West View	7/12/2010
Storm Water Management Exhibits (BMP's)		
ISWMP Figure 2	Project Construction Limits & Soil Disturbance, and BMP Index Map	8/27/2010
ISWMP Figure 2.1	Approx Construction Limits, Soil Disturbance and BMP Map	8/27/2010
ISWMP Figure 2.2	Approx Construction Limits, Soil Disturbance and BMP Map	8/27/2010
ISWMP Figure 3	Wellpad Proposed BMP Drawing	8/27/2010
ISWMP Figure 5	Interim Reclamation Plan BMP Drawing	8/27/2010

Access Road Map

NORTH PICEANCE UNIT

PICEANCE CREEK UNIT

FREEDOM UNIT

EXPANDED LIBERTY UNIT

Proposed Location
Piceance Creek Unit
297-2C

See Topo "B"

± 0.6 mi.

± 3.4 mi.

± 0.7 mi.

± 4.7 mi.

Rio Blanco ± 17.8 mi.
Rifle ± 36.6 mi.

Legend

-  Proposed Road
-  Two Track
-  Existing Road



**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



ExxonMobil Oil Corporation

Piceance Creek Unit 297-2C
SEC. 2, T2S, R97W, 6th P.M.
Rio Blanco County, CO.

DRAWN BY:	JAS
DATE:	07-14-2010
SCALE:	1:100,000

TOPOGRAPHIC MAP

SHEET
A

Access Road Map

Proposed Location
Piceance Creek Unit
297-2C

Proposed
Access ±804'

Existing Two Track
to be Upgraded
± 849'

Rio Blanco ± 26.6 mi.
Rifle ± 45.4 mi.

Revised: 08-17-2010 JAS

Legend

-  Proposed Road
-  Two Track to be Upgraded
-  Existing Road
-  Proposed Turnout



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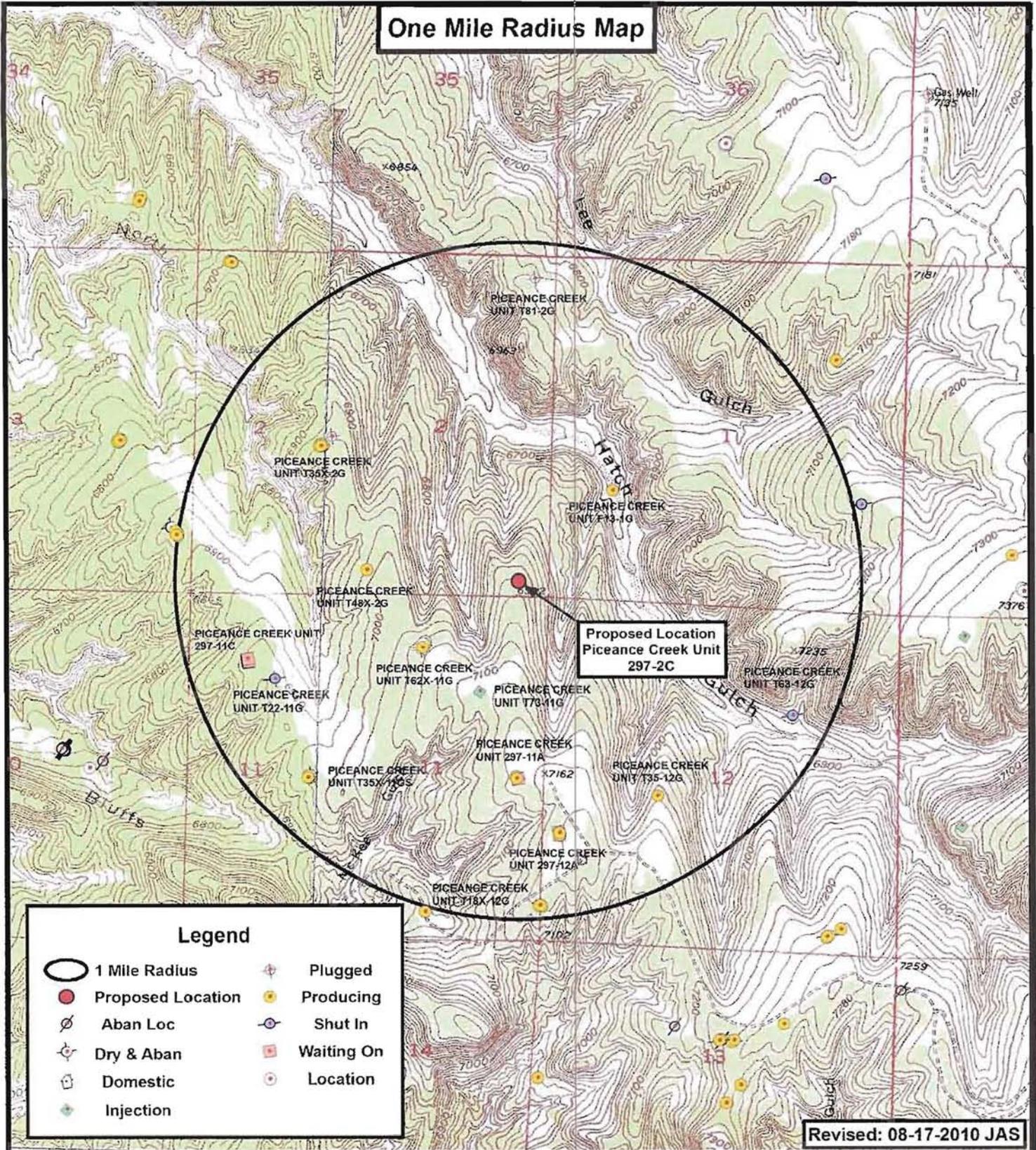
ExxonMobil Oil Corporation
Piceance Creek Unit 297-2C
SEC. 2, T2S, R97W, 6th P.M.
Rio Blanco County, CO.

DRAWN BY: JAS
DATE: 07-14-2010
SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

One Mile Radius Map



Legend

- 1 Mile Radius
- Proposed Location
- Aban Loc
- Dry & Aban
- Domestic
- Injection
- Plugged
- Producing
- Shut In
- Waiting On
- Location

Revised: 08-17-2010 JAS

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 F: (435) 781-2518

N



ExxonMobil Oil Corporation

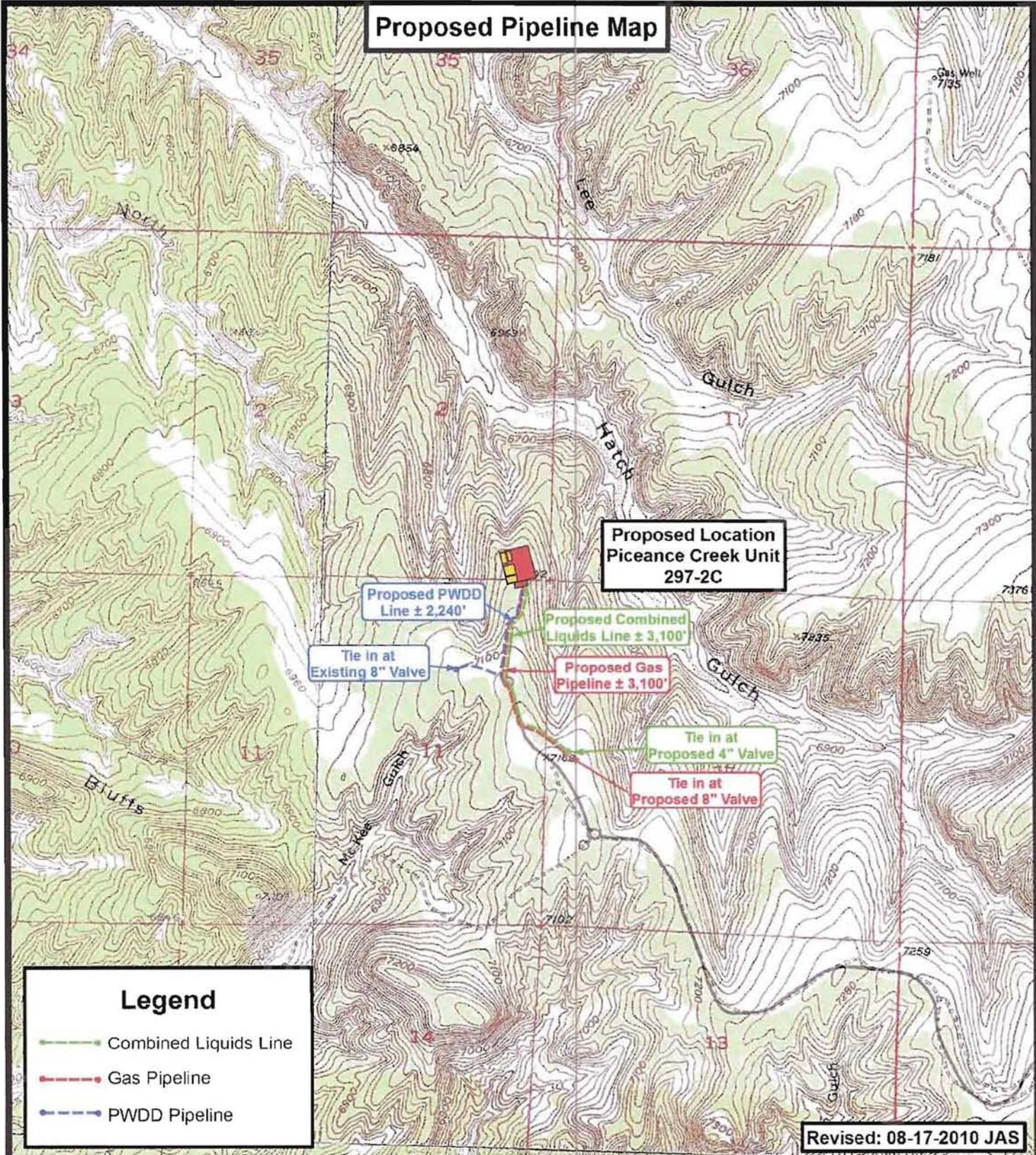
Piceance Creek Unit 297-2C
 SEC. 2, T2S, R97W, 6th P.M.
 Rio Blanco County, CO.

DRAWN BY: JAS REVISID: 08-17-2010 JAS
 DATE: 07-14-2010
 SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

SHEET
C

Proposed Pipeline Map



Revised: 08-17-2010 JAS

Legend

- Combined Liquids Line
- - - ● - - - Gas Pipeline
- - - ● - - - PWDD Pipeline

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P: (435) 781-2501
F: (435) 781-2518

DRAWN BY:	JAS
DATE:	07-14-2010
SCALE:	1" = 2,000'

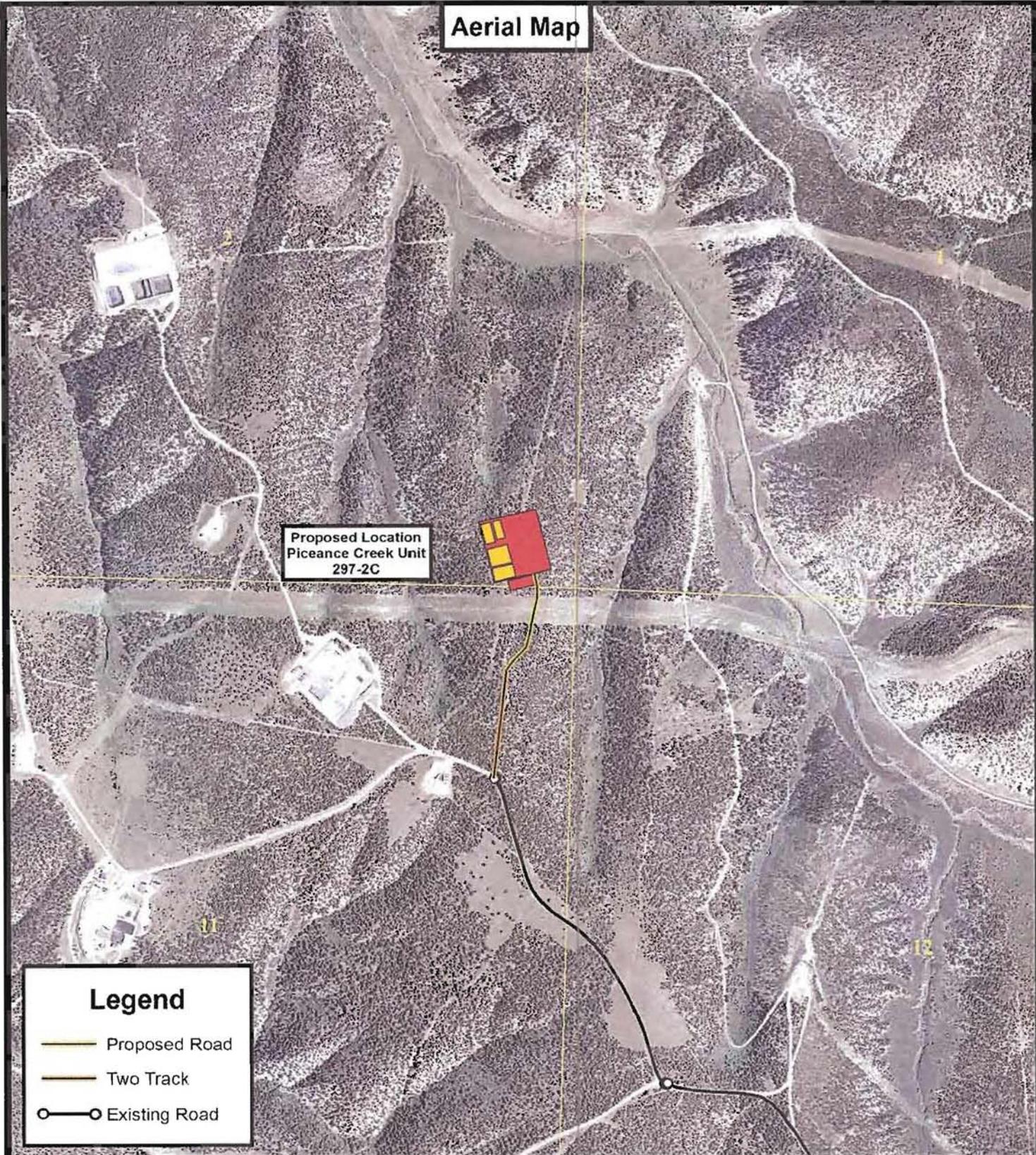


ExxonMobil Oil Corporation

Piceance Creek Unit 297-2C
SEC. 2, T2S, R97W, 6th P.M.
Rio Blanco County, CO.

TOPOGRAPHIC MAP	SHEET D
------------------------	-------------------

Aerial Map



**Proposed Location
Piceance Creek Unit
297-2C**

Legend

- Proposed Road
- Two Track
- Existing Road

**Tri State
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

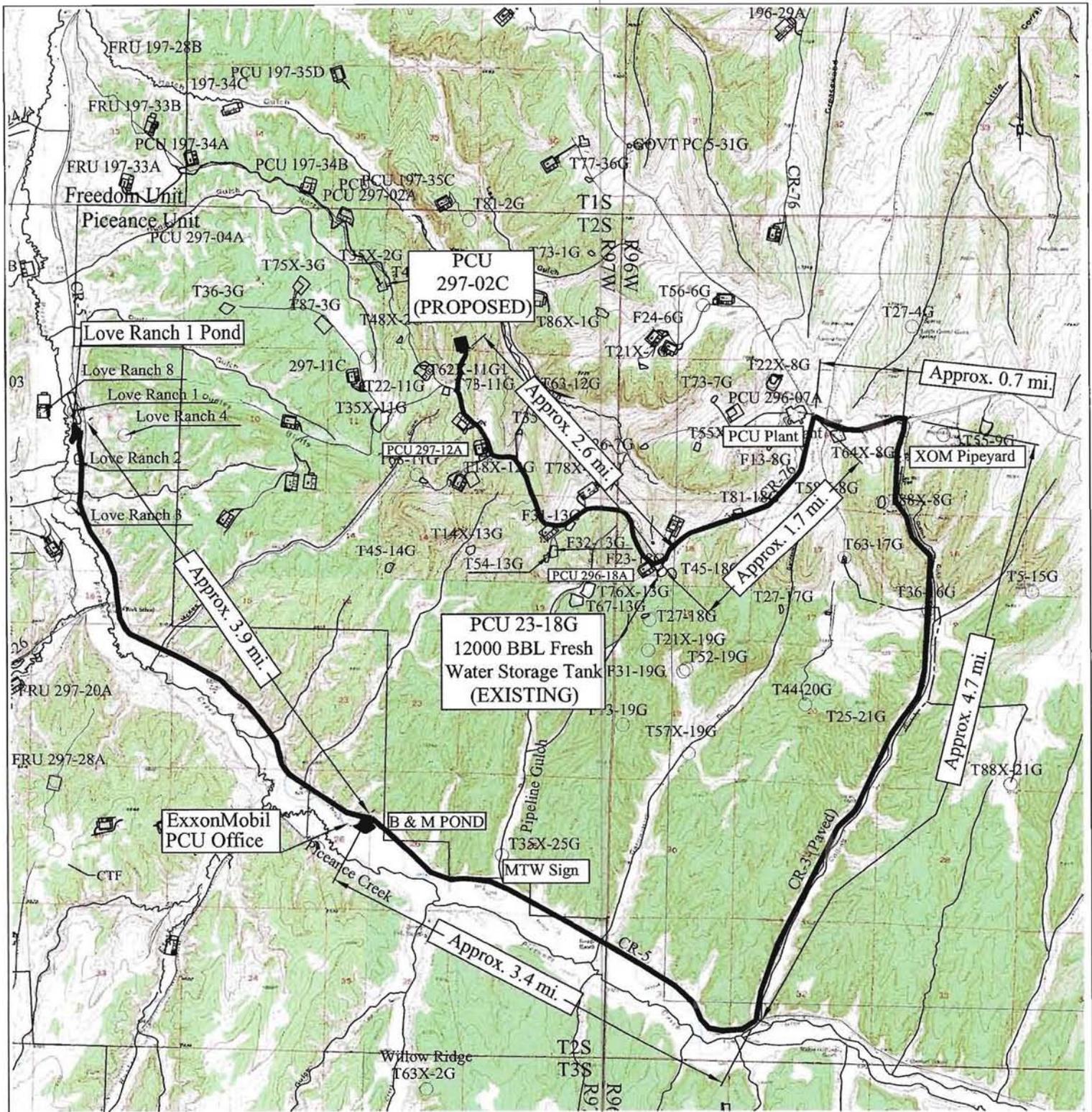


ExxonMobil Oil Corporation
Piceance Creek Unit 297-2C
SEC. 2, T2S, R97W, 6th P.M.
Rio Blanco County, CO.

DRAWN BY:	JAS
DATE:	07-13-2010
SCALE:	1" = 1,000'

AERIAL MAP

SHEET
E



NOTES:

1. Reference USGS quadrangles titled Square S Ranch, Greasewood Gulch, Rock School, and Jessup Gulch.
2. Contour Interval is 20' for all background maps.
3. Coordinates are NAD27, US State plane, CO north zone 0501.
4. Existing Roads shown thus:
5. Proposed Water Haul Route shown thus:

**Water Haul Routes - PCU 297-02C
Section 2, T2S, R97W, 6th P.M.
Piceance Development Project**

2500 1250 0 1250 2500 5000 7500 10,000 12,500 feet

Scale= 1" : 5000'

REV.	DATE	REVISION DESCRIPTION	ENG.	DRAWN	CHECKED	APPROVED
P	14 July 10	Preliminary	---	CEL	CEL	WFD

EXXONMOBIL

Drawn by: CEL Checked by: CEL

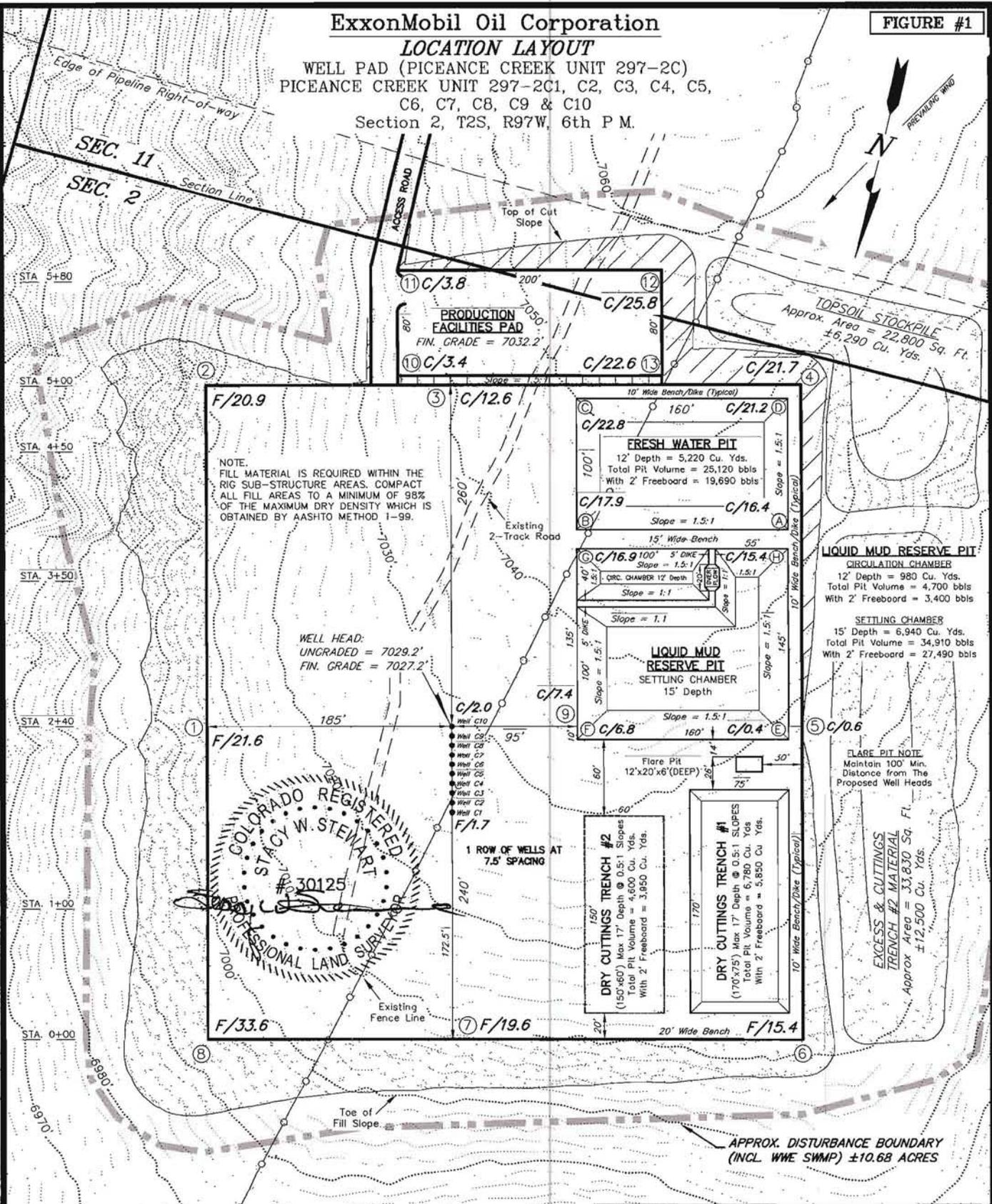
Date: July 14, 2010 Scale: 1":5000'

Dwg No. WP297-02C-10-001

ExxonMobil Oil Corporation

FIGURE #1

LOCATION LAYOUT
 WELL PAD (PICEANCE CREEK UNIT 297-2C)
 PICEANCE CREEK UNIT 297-2C1, C2, C3, C4, C5,
 C6, C7, C8, C9 & C10
 Section 2, T2S, R97W, 6th P.M.



NOTE:
 FILL MATERIAL IS REQUIRED WITHIN THE
 RIG SUB-STRUCTURE AREAS. COMPACT
 ALL FILL AREAS TO A MINIMUM OF 98%
 OF THE MAXIMUM DRY DENSITY WHICH IS
 OBTAINED BY AASHTO METHOD 1-99.

WELL HEAD:
 UNGRADED = 7029.2'
 FIN. GRADE = 7027.2'

LIQUID MUD RESERVE PIT
 CIRCULATION CHAMBER
 12' Depth = 980 Cu. Yds.
 Total Pit Volume = 4,700 bbls
 With 2' Freeboard = 3,400 bbls

SETTLING CHAMBER
 15' Depth = 6,940 Cu. Yds.
 Total Pit Volume = 34,910 bbls
 With 2' Freeboard = 27,490 bbls

FLARE PIT NOTE
 Maintain 100' Min.
 Distance from The
 Proposed Well Heads

**EXCESS & CUTTINGS
 TRENCH #2 MATERIAL**
 Approx Area = 33,830 Sq. Ft.
 ±12,500 Cu. Yds.

NOTE:
 The topsoil, excess material & trench #2 material are
 calculated as being mounds containing 18,790 cubic yards of
 dirt (a 10% fluff factor is included). The mound areas are
 calculated with push slopes of 1.5:1 & fall slopes of 1.5:1

SURVEYED BY: Q.M.	DATE SURVEYED: 09-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 10-22-09
SCALE: 1" = 100'	REVISED: R.V.C. 07-06-10

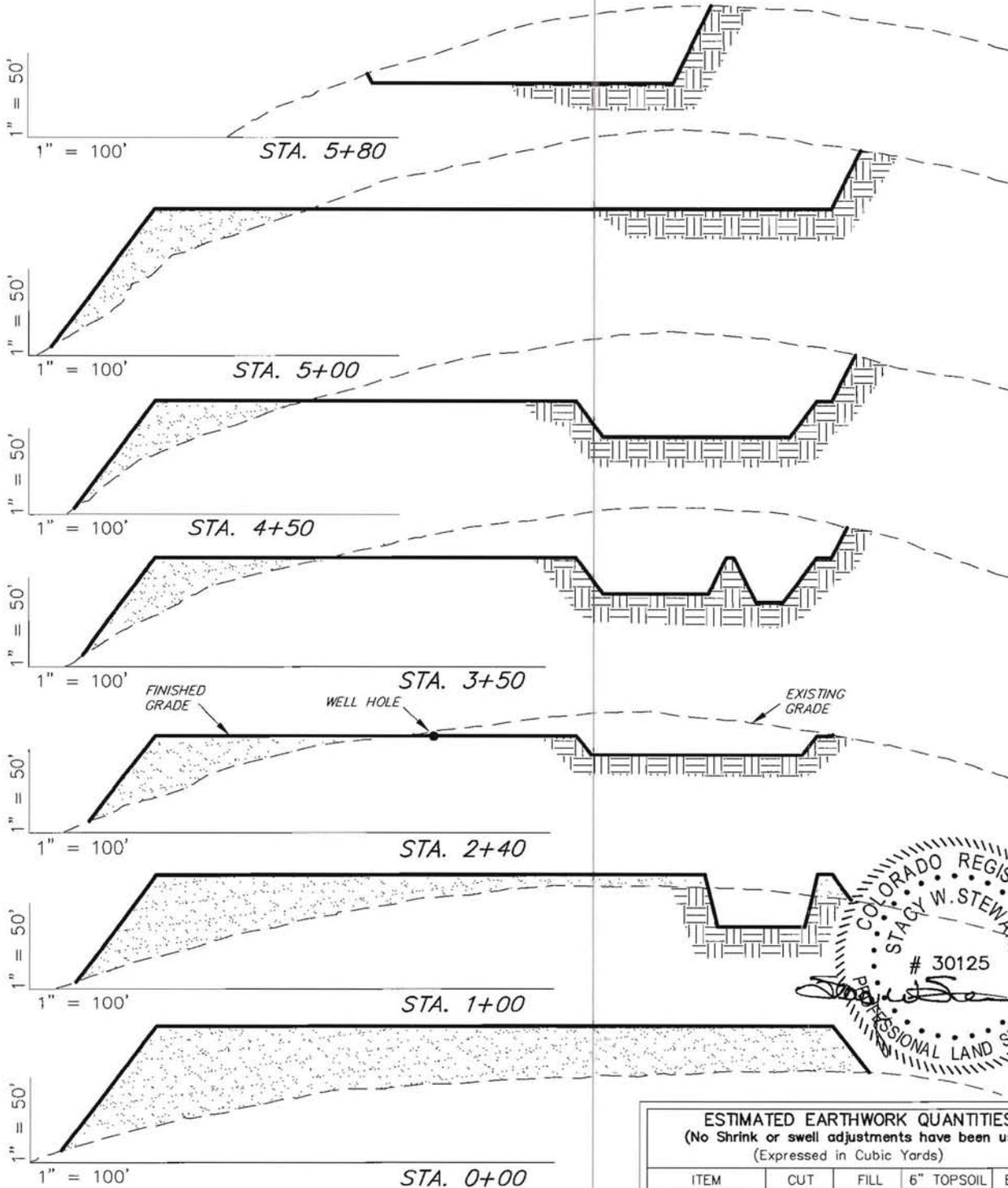
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 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

ExxonMobil Oil Corporation

FIGURE #2

CROSS SECTIONS

WELL PAD (PICEANCE CREEK UNIT 297-2C)
 PICEANCE CREEK UNIT 297-2C1, C2, C3, C4, C5, C6, C7, C8, C9 & C10
 Section 2, T2S, R97W, 6th P.M.



NOTES:

1.) UNLESS OTHERWISE NOTED, CUT SLOPES ARE AT 1:1 & FILL SLOPES ARE AT 1.5:1.

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
CUTTINGS TRENCH 1	6,780	0	Topsoil is not included in Pad Cut	6,780
PITS	13,140	0		13,140
PAD	53,730	66,890	5,720	-13,160
TOTALS	73,650	66,890	5,720	6,760

SURVEYED BY: Q.M.	DATE SURVEYED: 09-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 10-22-09
SCALE: 1" = 100'	REVISED: R.V.C. 07-06-10

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SHEET
3

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TYPICAL RIG LAYOUT

WELL PAD (PICEANCE CREEK UNIT 297-2C)
 PICEANCE CREEK UNIT 297-2C1, C2, C3, C4, C5,
 C6, C7, C8, C9 & C10
 Section 2, T2S, R97W, 6th P.M.

FIGURE #3

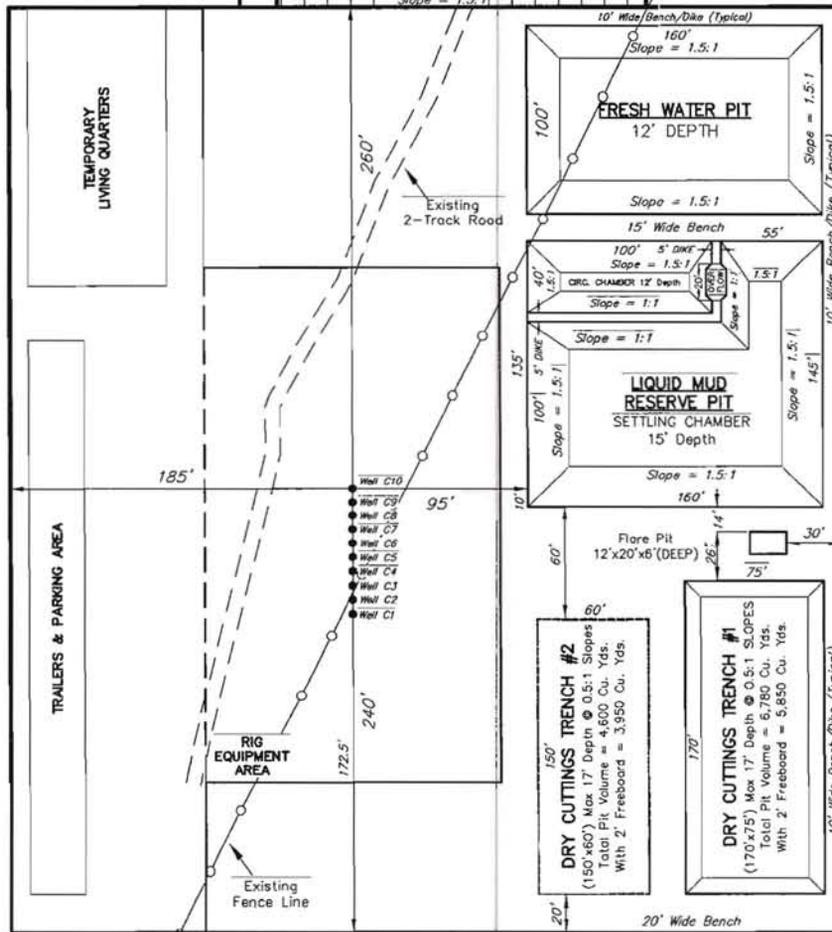
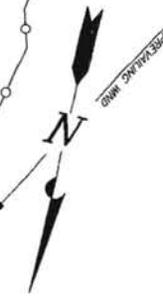
SEC. 11

SEC. 2

Section Line

ACCESS ROAD

PRODUCTION FACILITIES PAD



FRESH WATER PIT

12' Depth = 5,220 Cu. Yds.
 Total Pit Volume = 25,120 bbls
 With 2' Freeboard = 19,690 bbls

LIQUID MUD RESERVE PIT

CIRCULATION CHAMBER
 12' Depth = 980 Cu. Yds.
 Total Pit Volume = 4,700 bbls
 With 2' Freeboard = 3,400 bbls

SETTLING CHAMBER
 15' Depth = 6,940 Cu. Yds.
 Total Pit Volume = 34,910 bbls
 With 2' Freeboard = 27,490 bbls

FLARE PIT NOTE:
 Maintain 100' Min.
 Distance from The
 Proposed Well Heads.

SURVEYED BY: Q.M.	DATE SURVEYED: 09-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 10-22-09
SCALE: 1" = 100'	REVISED: R.V.C. 07-06-10

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SHEET
4

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TYPICAL FINISH GRADING PLAN

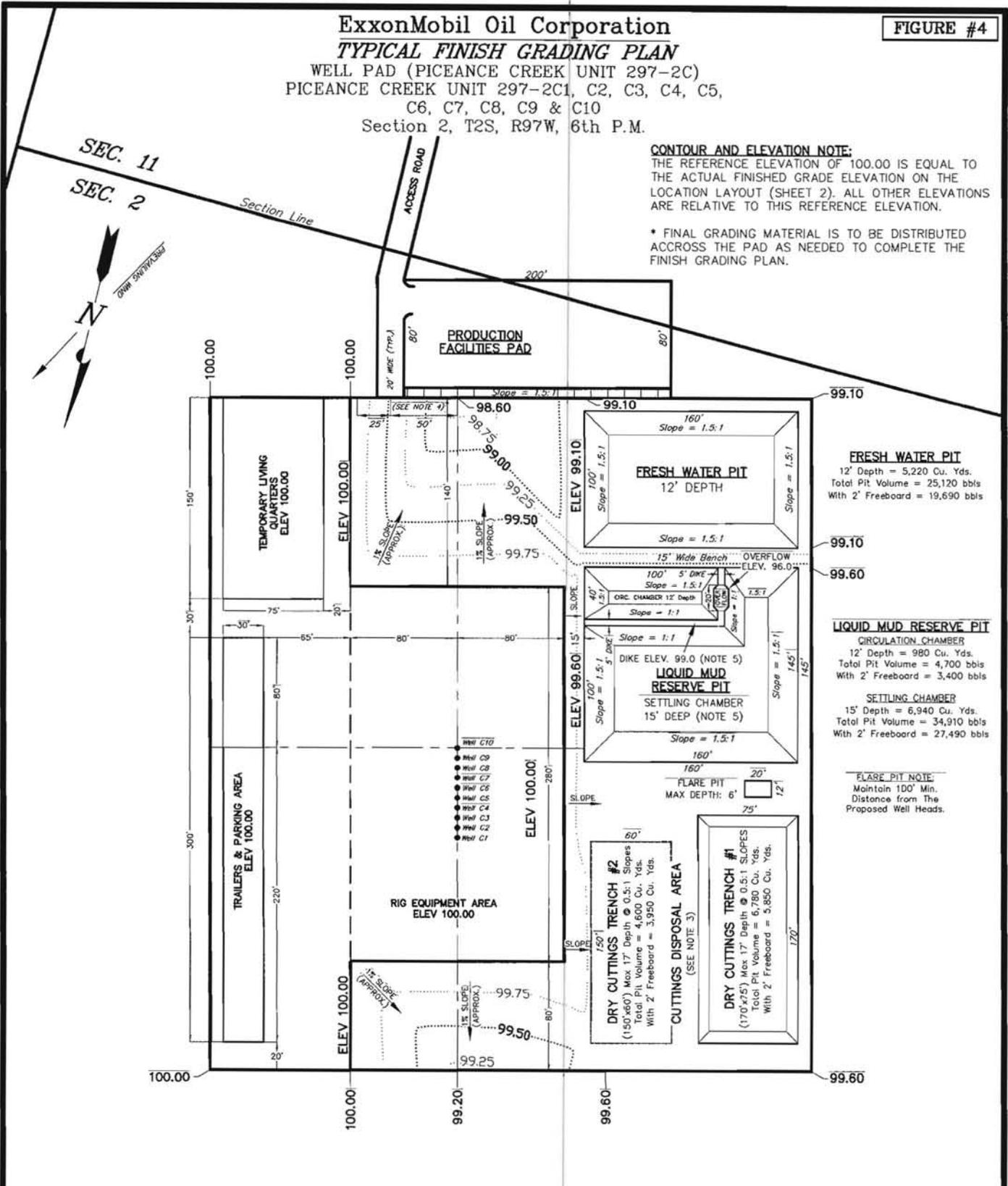
WELL PAD (PICEANCE CREEK UNIT 297-2C)
 PICEANCE CREEK UNIT 297-2C1, C2, C3, C4, C5,
 C6, C7, C8, C9 & C10
 Section 2, T2S, R97W, 6th P.M.

FIGURE #4

CONTOUR AND ELEVATION NOTE:

THE REFERENCE ELEVATION OF 100.00 IS EQUAL TO THE ACTUAL FINISHED GRADE ELEVATION ON THE LOCATION LAYOUT (SHEET 2). ALL OTHER ELEVATIONS ARE RELATIVE TO THIS REFERENCE ELEVATION.

* FINAL GRADING MATERIAL IS TO BE DISTRIBUTED ACCROSS THE PAD AS NEEDED TO COMPLETE THE FINISH GRADING PLAN.



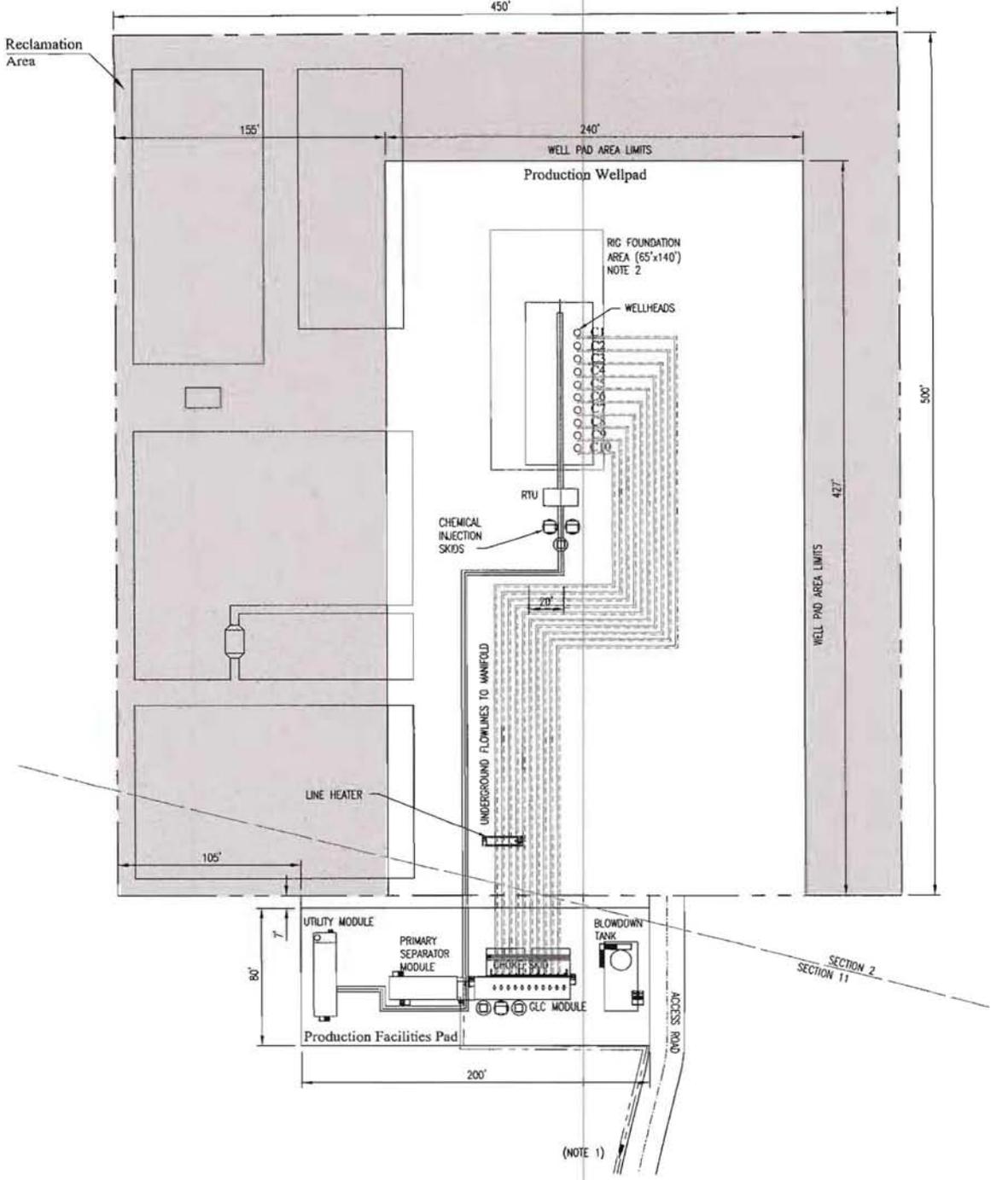
Notes

- Rig Substructure Area to be level. Compaction and testing per wellpad construction specification.
- Perimeter ditching not shown. Grading plan to be coordinated with approved individual Storm Water Management Plan for each site.
- Cuttings Trench #1 to be constructed with wellpad. Additional trench (#2) will be constructed during drilling operations as required.
- Indicated spacing may be increased to 75' based upon site topography. Alternate access location may be selected based upon site topography and direction of primary (existing) access.
- Excavate Reserve Pit to initial 12' depth. Construct diversion dike with 3.0' additional excavation from settling chamber.

SURVEYED BY: Q.M.	DATE SURVEYED: 09-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 10-22-09
SCALE: 1" = 100'	REVISED: R.V.C. 07-06-10

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SHEET
5



NOTES:

1. Gas and Produced Water Flowline to Tie-in to associated trunklines. Reference PCU 297-02C- Topo 'D'.
2. Multiple flowline trenches to be installed outside of the indicated Rig Foundation Area.

**Production Facilities Plot Plan
PCU 297-02C
Piceance Development Project**

30 15 0 15 30 60 90 120 150 feet

Scale= 1" : 60'

REV.	DATE	REVISION DESCRIPTION	ENG.	DRAWN	CHECKED	APPROVED
P	02 Aug 10	Preliminary	---	CEL	CEL	WFD

EXXONMOBIL

Drawn by: CEL Checked by: CEL

Date: Aug 02, 2010 Scale: 1"=60'

Dwg No. WP297-02C-10-002

**Location
Photos**

Center Stake

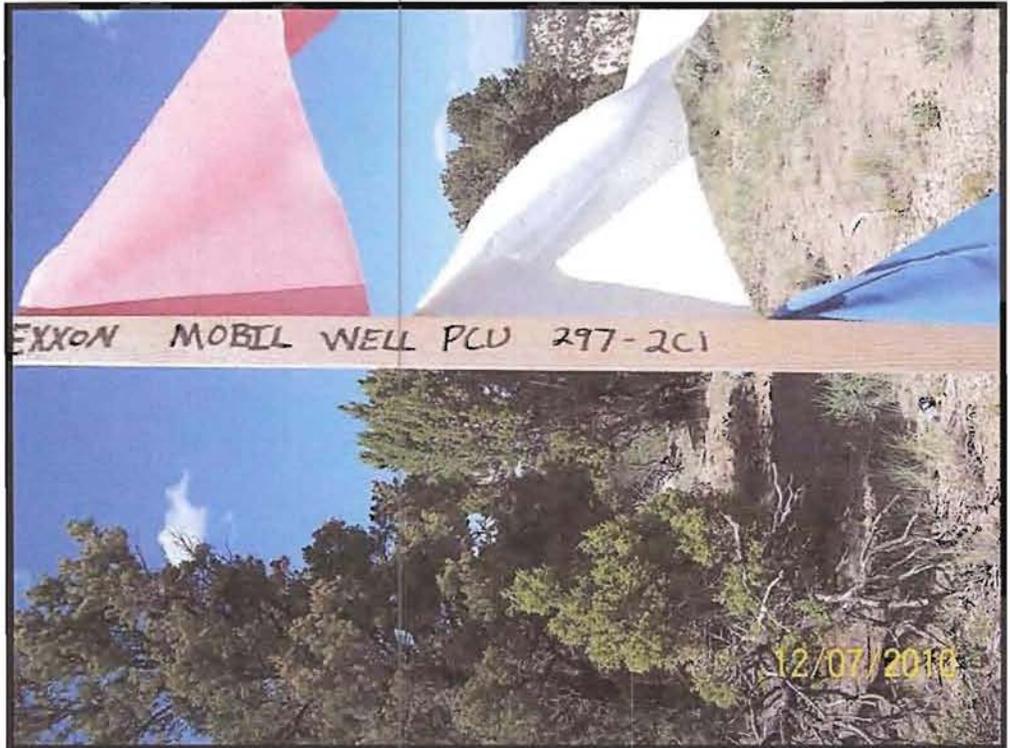
Date Photographed: 07/12/2010

Photographed By: S. Vernon

NAD 83 - Decimal Degrees

Latitude: 39.899987

Longitude: 108.239915



Access

Date Photographed: 07/12/2010

Photographed By: S. Vernon

NAD 83 - Decimal Degrees

Latitude: 39.894846

Longitude: 108.240421



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P. (435) 781-2501
F. (435) 781-2518

ExxonMobil Oil Corporation

Piceance Creek Unit 297-2C
SEC. 2, T2S, R97W, 6th P.M.
Rio Blanco County, CO.

DRAWN BY: JAS
DATE: 07-15-2010

COLOR PHOTOGRAPHS

SHEET
P1

**Location
Photos**

Northerly

Date Photographed: 07/12/2010

Photographed By: S. Vernon

NAD 83 - Decimal Degrees

Latitude: 39.899777

Longitude: 108.239906



Easterly

Date Photographed: 07/12/2010

Photographed By: S. Vernon

NAD 83 - Decimal Degrees

Latitude: 39.899983

Longitude: 108.240085



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ExxonMobil Oil Corporation

Piceance Creek Unit 297-2C
SEC. 2, T2S, R97W, 6th P.M.
Rio Blanco County, CO.

DRAWN BY: JAS
DATE: 07-15-2010

COLOR PHOTOGRAPHS

SHEET
P2

**Location
Photos**

Southerly

Date Photographed: 07/12/2010

Photographed By: S. Vernon

NAD 83 - Decimal Degrees

Latitude: 39.900098

Longitude: 108.239919



Westerly

Date Photographed: 07/12/2010

Photographed By: S. Vernon

NAD 83 - Decimal Degrees

Latitude: 39.899992

Longitude: 108.239693



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Piceance Creek Unit 297-2C
SEC. 2, T2S, R97W, 6th P.M.
Rio Blanco County, CO.

DRAWN BY: JAS
DATE: 07-15-2010

COLOR PHOTOGRAPHS

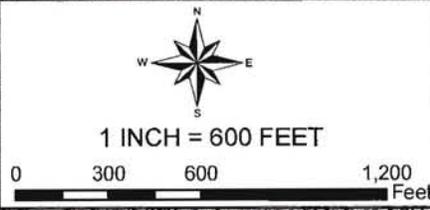
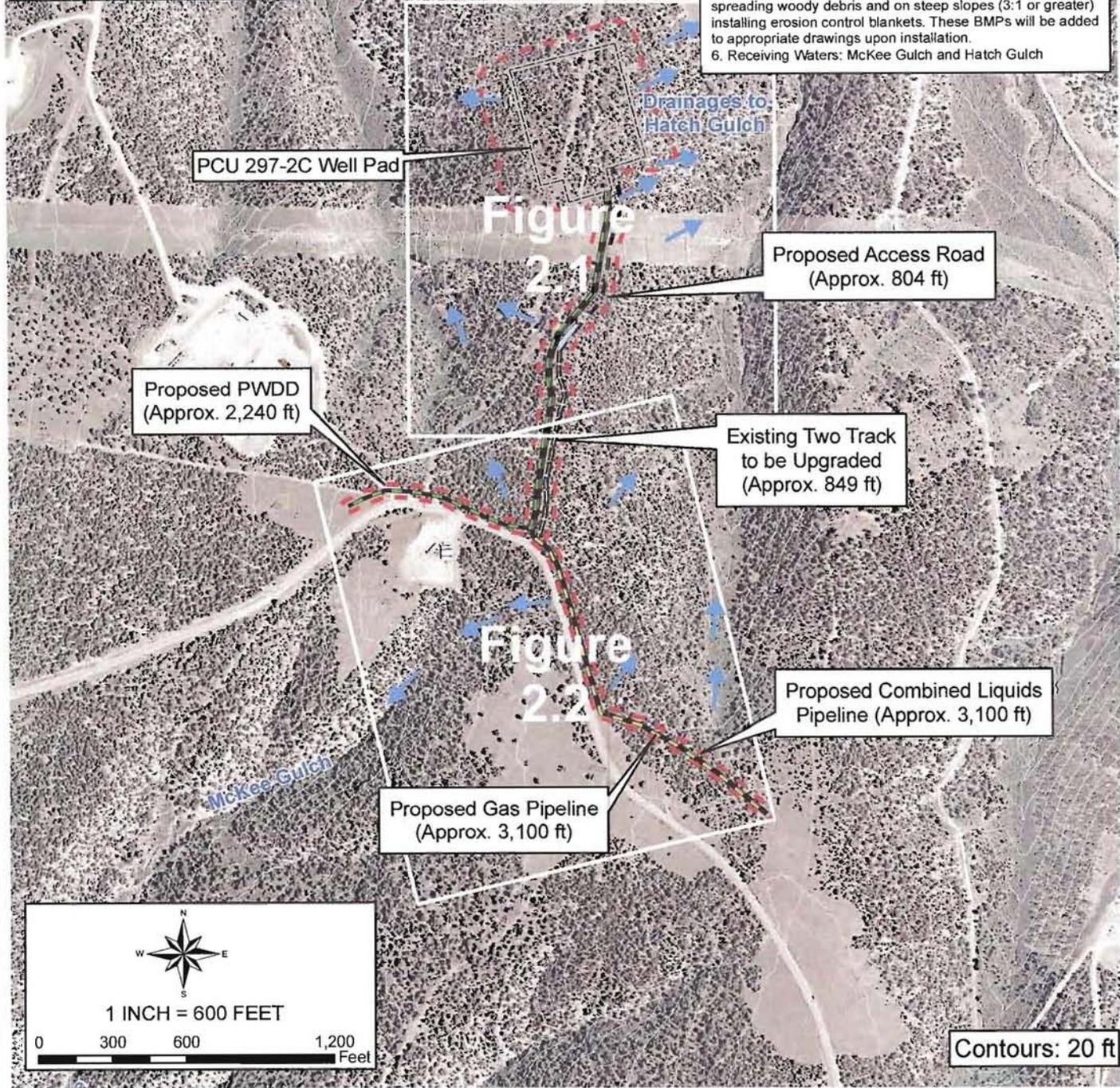
SHEET
P3

Legend

-  Flow Direction
-  Proposed Access Road
-  Upgrades to Existing Two Track
-  Proposed Gas Pipeline
-  Proposed Combined Liquids Pipeline
-  Proposed PWDD
-  PCU 297-2C Well Pad
-  Approximate Construction Limits

NOTES:

1. Locations of well pad, access road, and pipelines based on survey information from Tri-State Survey Inc. (7/14/2010)
2. Construction limits contain BMPs and stockpiles. Estimated disturbance including BMPs is 10.7 acres for the well pad, 1.5 acres for the access road and two track, and 4.3 acres for the pipelines. Total disturbance is 16.5 acres.
3. BMP symbols used on this drawing are conceptual and are intended to indicate a specific type of BMP. Refer to Appendix F of the USWMP for guidance on BMP spacing.
4. There are no known wetlands or springs in close proximity to the site.
5. Reclamation will include seeding, mulching, crimping, spreading woody debris and on steep slopes (3:1 or greater) installing erosion control blankets. These BMPs will be added to appropriate drawings upon installation.
6. Receiving Waters: McKee Gulch and Hatch Gulch



Contours: 20 ft

GIS: Z:\Project Files\72-99\801-111\801-111.412\CAD-GIS\GIS\Task 072\PCU297-2C.ISWMP.FIG2.0_27Aug10.mxd

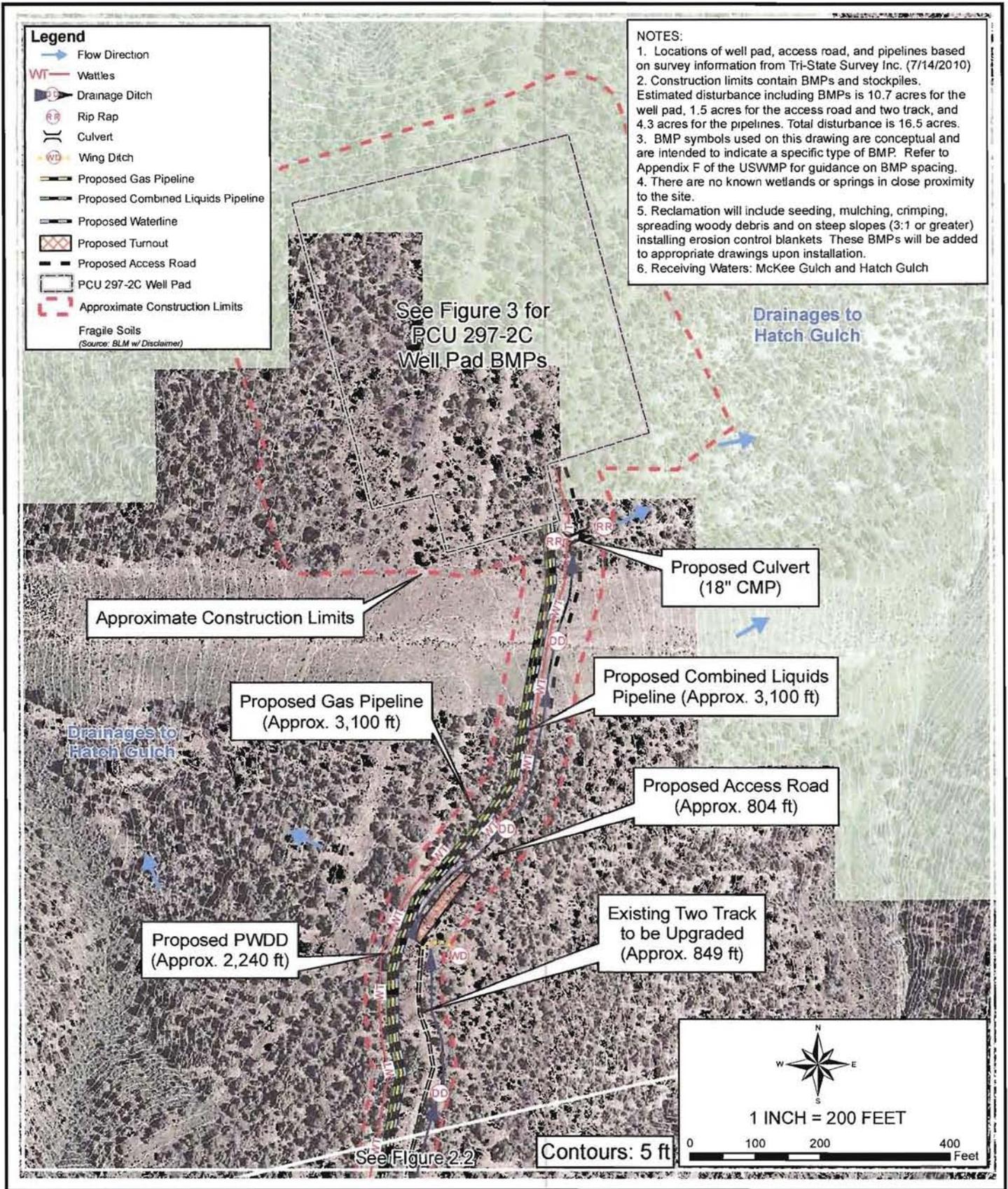
Base Map: USGS Topographic Map- 24K Series

WWE
 WRIGHT WATER ENGINEERS, INC.
 2490 W 26TH AVE 100A
 DENVER, CO. 80211
 (303) 480-1700

RIO BLANCO COUNTY, COLORADO
EXXON MOBIL CORPORATION
PCU 297-2C
 APPROXIMATE CONSTRUCTION LIMITS,
 SOIL DISTURBANCE, & BMP INDEX MAP
 SECTIONS 2, 11, & 12, TOWNSHIP 2S, RANGE 97W

PROJECT NO.
 801-111.412
 TASK 72

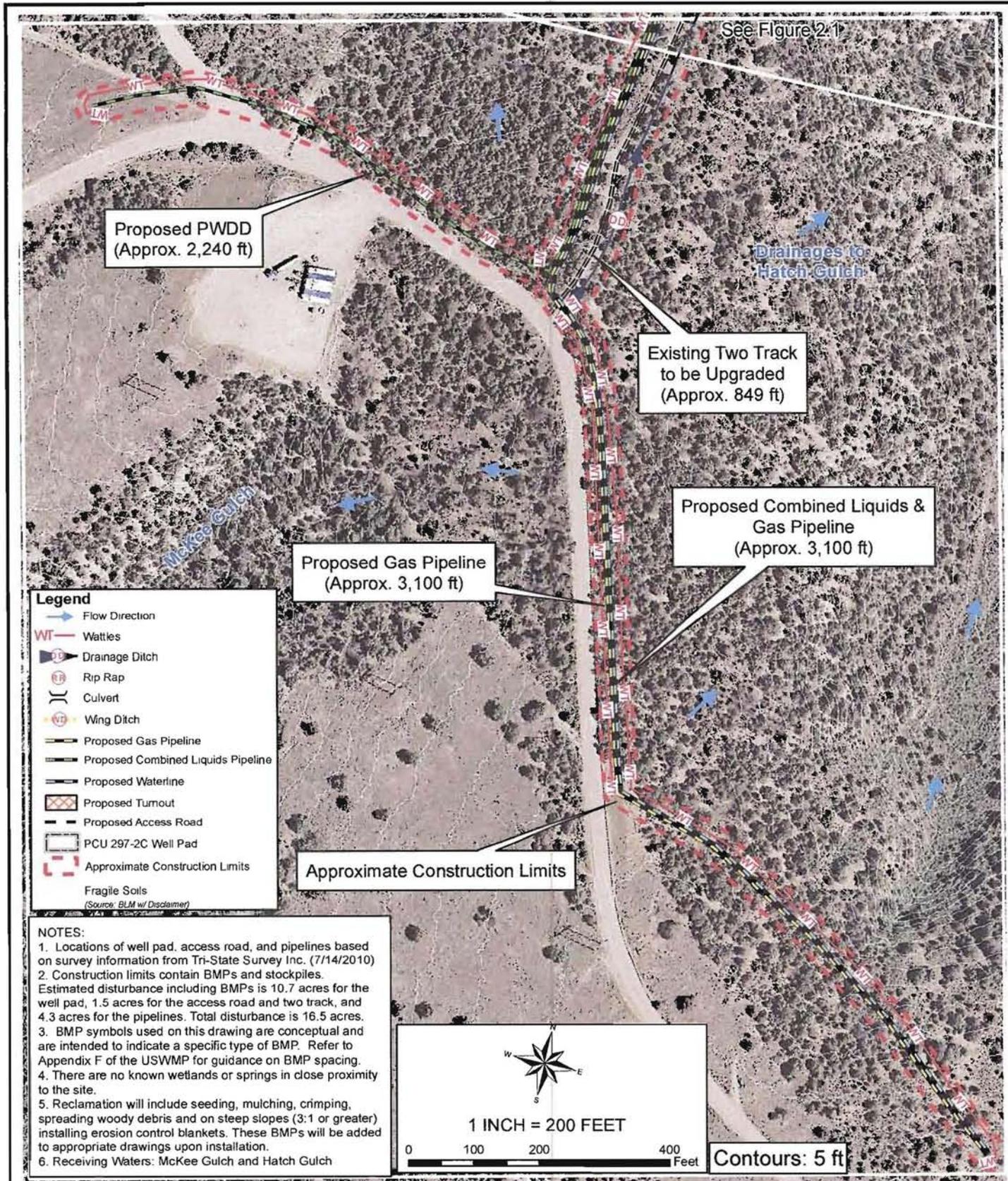
FIGURE
2.0



GIS; Z:\Project Files\172-991801-111\801-111.412\CAD-GIS\GIS\Task 072\PCU297-2C.ISWMP.FIG2.X_27Aug10.mxd

Base Map: USGS Topographic Map- 24K Series

 <p>WRIGHT WATER ENGINEERS, INC. 2490 W 26TH AVE 100A DENVER, CO. 80211 (303) 480-1700</p>	<p style="text-align: center;">RIO BLANCO COUNTY, COLORADO</p> <p style="text-align: center;">EXXON MOBIL CORPORATION</p> <p style="text-align: center;">PCU 297-2C</p> <p style="text-align: center;">APPROXIMATE CONSTRUCTION LIMITS, SOIL DISTURBANCE, & BMP MAP SECTIONS 2, 11, & 12, TOWNSHIP 2S, RANGE 97W</p>	<p>PROJECT NO. 801-111.412 TASK 72</p>	<p>FIGURE 2.1</p>
--	--	--	------------------------------



Legend

- Flow Direction
- WT Wattles
- Drainage Ditch
- Rip Rap
- Culvert
- Wing Ditch
- Proposed Gas Pipeline
- Proposed Combined Liquids Pipeline
- Proposed Waterline
- Proposed Turnout
- Proposed Access Road
- PCU 297-2C Well Pad
- Approximate Construction Limits
- Fragile Soils
(Source: BLM w/ Disclaimer)

NOTES:

- Locations of well pad, access road, and pipelines based on survey information from Tri-State Survey Inc. (7/14/2010)
- Construction limits contain BMPs and stockpiles. Estimated disturbance including BMPs is 10.7 acres for the well pad, 1.5 acres for the access road and two track, and 4.3 acres for the pipelines. Total disturbance is 16.5 acres.
- BMP symbols used on this drawing are conceptual and are intended to indicate a specific type of BMP. Refer to Appendix F of the USWMP for guidance on BMP spacing.
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- Reclamation will include seeding, mulching, crimping, spreading woody debris and on steep slopes (3:1 or greater) installing erosion control blankets. These BMPs will be added to appropriate drawings upon installation.
- Receiving Waters: McKee Gulch and Hatch Gulch

1 INCH = 200 FEET

0 100 200 400 Feet

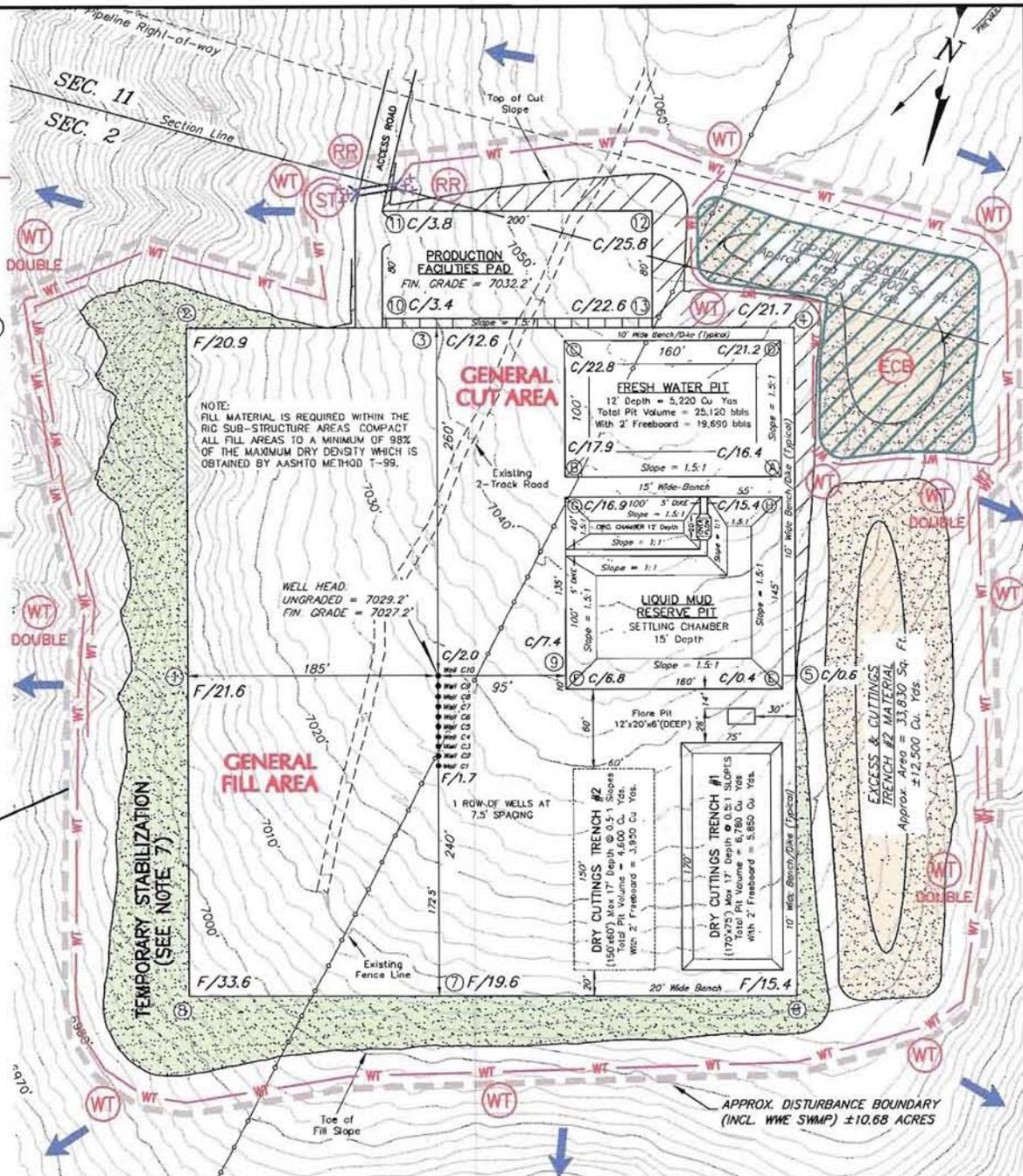
Contours: 5 ft

GIS: Z:\Project Files\72-99\801-111\801-111.412\CAD-GIS\GIS\Task 072\PCU297-2C.ISWMP.FIG2.X_27Aug10.mxd Base Map: USGS Topographic Map- 24K Series

<p>WRIGHT WATER ENGINEERS, INC. 2490 W 26TH AVE 100A DENVER, CO. 80211 (303) 480-1700</p>	<p><i>RIO BLANCO COUNTY, COLORADO</i></p> <p>EXXON MOBIL CORPORATION</p> <p>PCU 297-2C</p> <p>APPROXIMATE CONSTRUCTION LIMITS, SOIL DISTURBANCE, & BMP MAP SECTIONS 2, 11, & 12, TOWNSHIP 2S, RANGE 97W</p>	<p>PROJECT NO. 801-111.412 TASK 72</p>	<p>FIGURE 2.2</p>
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LEGEND

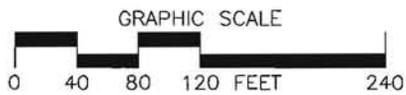
- RIP RAP
- SEDIMENT TRAP
- WATTLE
- STOCKPILE MANAGEMENT
- TEMPORARY STABILIZATION (SEE NOTE 7)
- EROSION CONTROL BLANKET AND TEMPORARY SEEDING
- EROSION CONTROL BLANKET AND TEMPORARY SEEDING
- CULVERT
- FLOW DIRECTION
- APPROXIMATE CONSTRUCTION LIMITS FOR THE WELL PAD



APPROXIMATE LIMITS OF CONSTRUCTION/DISTURBANCE 10.68 ACRES

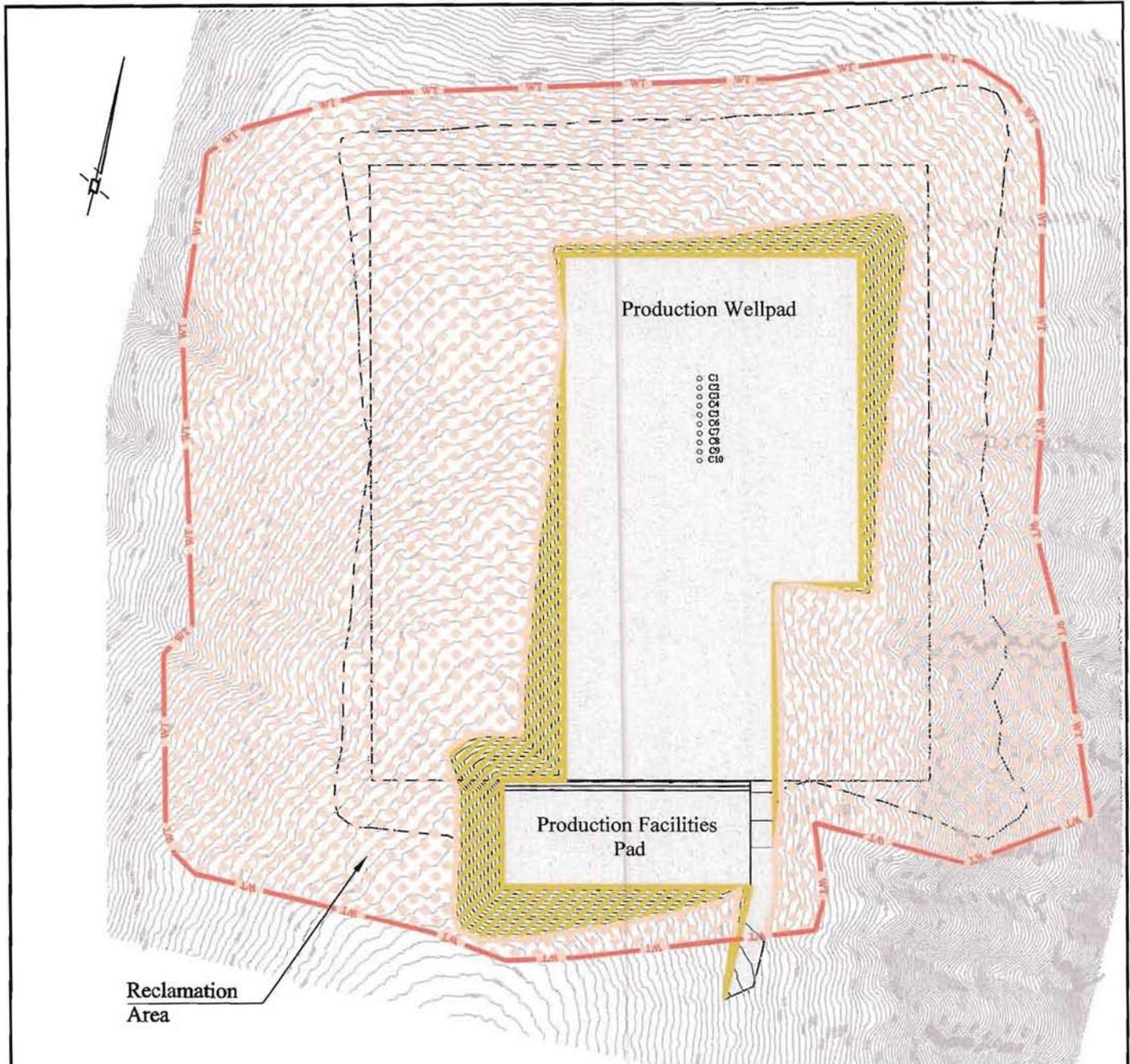
NOTES

1. LOCATIONS OF WELL PAD FEATURES ARE BASED ON SURVEY INFORMATION FROM TRI STATE LAND SURVEYING, INC. (07/06/10).
2. CUT MATERIAL IS RE-USED AS FILL MATERIAL OR WASTED ON SITE.
3. BMP SYMBOLS USED ON DRAWING ARE CONCEPTUAL AND ARE INTENDED TO INDICATE A SPECIFIC TYPE OF BMP. THEY DO NOT REPRESENT THE ACTUAL SIZE AND OR SHAPE OF THE BMP. REFER TO APPENDIX F OF THE USWMP FOR GUIDANCE ON BMP SPACING.
4. CONTOURS REPRESENT PRE-CONSTRUCTION ELEVATIONS.
5. WELL PAD WILL BE CONSTRUCTED TO BE RELATIVELY FLAT WITH SIDE SLOPES. SIDE SLOPES ARE INDICATED BY FILL AND CUT ELEVATIONS.
6. THERE ARE NO KNOWN WETLANDS, SPRINGS OR OTHER SURFACE WATERS IN CLOSE PROXIMITY TO THIS SITE.
7. REQUIREMENTS FOR TEMPORARY STABILIZATION WILL BE DETERMINED IN THE FIELD, IT WILL BE BASED PRIMARILY ON ROCK CONTENT AND SLOPE.
8. PERIMETER BMPs WILL BE PLACED AS CLOSE TO THE TOE OF THE SLOPE AS FEASIBLE WHILE MAINTAINING ADEQUATE ROOM FOR OPERATION OF CONSTRUCTION EQUIPMENT BETWEEN THE TOE OF SLOPE AND THE PERIMETER BMP.

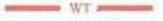


Plot Date/Time: 08/27/2010, 01:42:28 PM; Z:\PROJECT FILES\72-99\801-111\412\CAD-DIS\CAD\TASK 072\PCU 297-2C\ISWMP.FIG 3_27AUG10.DWG - FIGURE 3

<p>WRIGHT WATER ENGINEERS, INC. 2490 W. 26TH AVE. SUITE 100A DENVER, CO 80211 (303)480-1700 FAX(303)480-1020</p>	<p>EXXON MOBIL CORPORATION SECTION 2, TOWNSHIP 2S, RANGE 97W PCU 297-2C PROPOSED BMPs ISWMP DRAWING</p>	<p>REVISION:</p> <table border="1" style="width: 100%; height: 40px;"> <tr> <td style="width: 20%;"> </td> <td style="width: 20%;"> </td> <td style="width: 20%;"> </td> <td style="width: 20%;"> </td> </tr> </table>					<p>FIGURE</p> <p style="font-size: 2em;">3</p>



BMP LEGEND

-  FLOW DIRECTION
-  WATTLE
-  SEEDED AND EROSION CONTROL BLANKET
-  SEEDED, MULCHED, AND CRIMPED

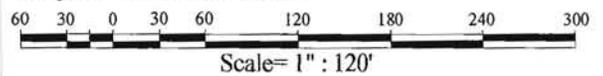
Estimated 'Disturbed' Area

- Original Wellpad and Facilities Area: 10.68 Acres
- Interim Production Wellpad and Facilities Area: 3.4 Acres
- Reclaimed Area (Interim): 7.28 Acres

NOTES:

1. Reference Tri State Land Surveying Inc. grading plan dated 08-03-10.
2. Reclaimed area to be regraded to achieve approximate original contours. Original contours are shown for reference.
3. Perimeter BMPs (e.g. wattles) will remain in place as needed until final stabilization is achieved.
4. If field conditions dictate Hydromulch will be used. If Hydromulch used, seed will be applied first (at double the seed rate) then the Hydromulch will be applied.

SOURCE: EXXONMOBIL
 PCU 297-02C - Interim Reclamation Plan
 Date: Aug. 03, 2010
 Dwg No. WP297-02C-10-003



Plot Date/Time: 08/27/2010 01:43:08 PM Z:\PROJECT FILES\72-99\801-111\801-111.412\CAD-GIS\CAD_TASK 072\PCU 297-2C\ISWMP.FIG 5_27AUG10.DWG-FIGURE 5



WRIGHT WATER ENGINEERS, INC.
 2490 W. 26TH AVE. SUITE 100A
 DENVER, CO 80211
 (303)480-1700 FAX(303)480-1020

EXXON MOBIL CORPORATION
 SECTION 2, TOWNSHIP 2S, RANGE 97W
PCU 297-2C
 INTERIM RECLAMATION PROPOSED BMP PLAN

REVISION:

-	-	-

FIGURE

5