

T3S, R65W, 6th P.M.

CRESTONE PEAK RESOURCES OPERATING LLC

SCHUH #3-65 21-20 3AH, 3BH, 4AH & 4BH
SE 1/4 SE 1/4, SECTION 21, T3S, R65W, 6th P.M.
ADAMS COUNTY, COLORADO

BASIS OF BEARINGS

BEARINGS ARE A BASED ASSUMPTION THAT THE EAST LINE OF THE SOUTHEAST 1/4 OF SECTION 21, T3S, R65W, BEARS N00°32'04"E. MONUMENTS DESCRIBED HEREON.

BASIS OF ELEVATION

BENCHMARK 374 LOCATED ON THE SECTION LINE BETWEEN SECTIONS 12 & 13, T5S, R64W, 6th. P.M., TAKEN FROM 1988 PUBLISHED DATUM BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY AS BEING 6054.61 FEET.

1989 Brass Cap,
#16848, 0.6' Below Ground,
In Monument Box
Lat: 39.783831°
Long: 104.697008°

2003 Alum. Cap,
#28286,
Flush With Ground
Lat: 39.783753°
Long: 104.687597°

1993 Brass Cap,
0.8' Below Ground
In Monument Box
Lat: 39.785672°
Long: 104.678186°

2006 Alum. Cap,
#36580, 1.5'
Below Ground
Lat: 39.783625°
Long: 104.668764°

Alum. Cap, #25961,
0.7' Below Ground
in Range Box
Lat: 39.783575°
Long: 104.659339°

Alum. Cap, #17488,
2.5' Below Ground
Lat: 39.776539°
Long: 104.697036°

2014 Alum. Cap,
#28285, Flush
w/Ground
Lat: 39.776303°
Long: 104.659411°

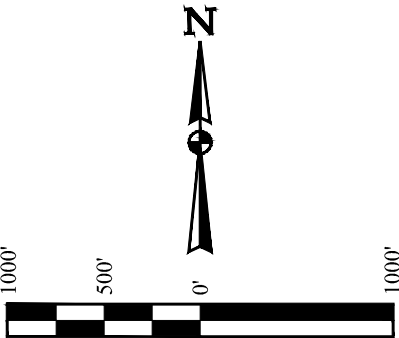
1989 Brass Cap,
#16848, 1.5'
Below Ground, In
Monument Box
Lat: 39.769244°
Long: 104.697058°

1985 Alum. Cap,
#17488,
Flush With Ground
Lat: 39.769256°
Long: 104.687661°

1989 Brass Cap,
#16848, 0.3' Below Ground
In Monument Box
Lat: 39.769267°
Long: 104.678267°

2006 Alum. Cap,
#36580, 1.5' Below Ground
Lat: 39.769150°
Long: 104.668875°

1992 Alum. Cap,
#13327, 2.5'
Below Ground
in Range Box
Lat: 39.769031°
Long: 104.659483°



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N07°53'27"E	1132.86'
L2	N16°51'00"E	516.33'
L3	S43°02'14"E	210.44'
L4	S09°44'10"E	813.50'

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO
21-20

REV: 3 02-26-20 S.F. (COMPANY & WELLBORE CHANGES)

LEGEND:

- = PROPOSED WELLHEAD.
- ◆ = TOP PRODUCTION ZONE.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)

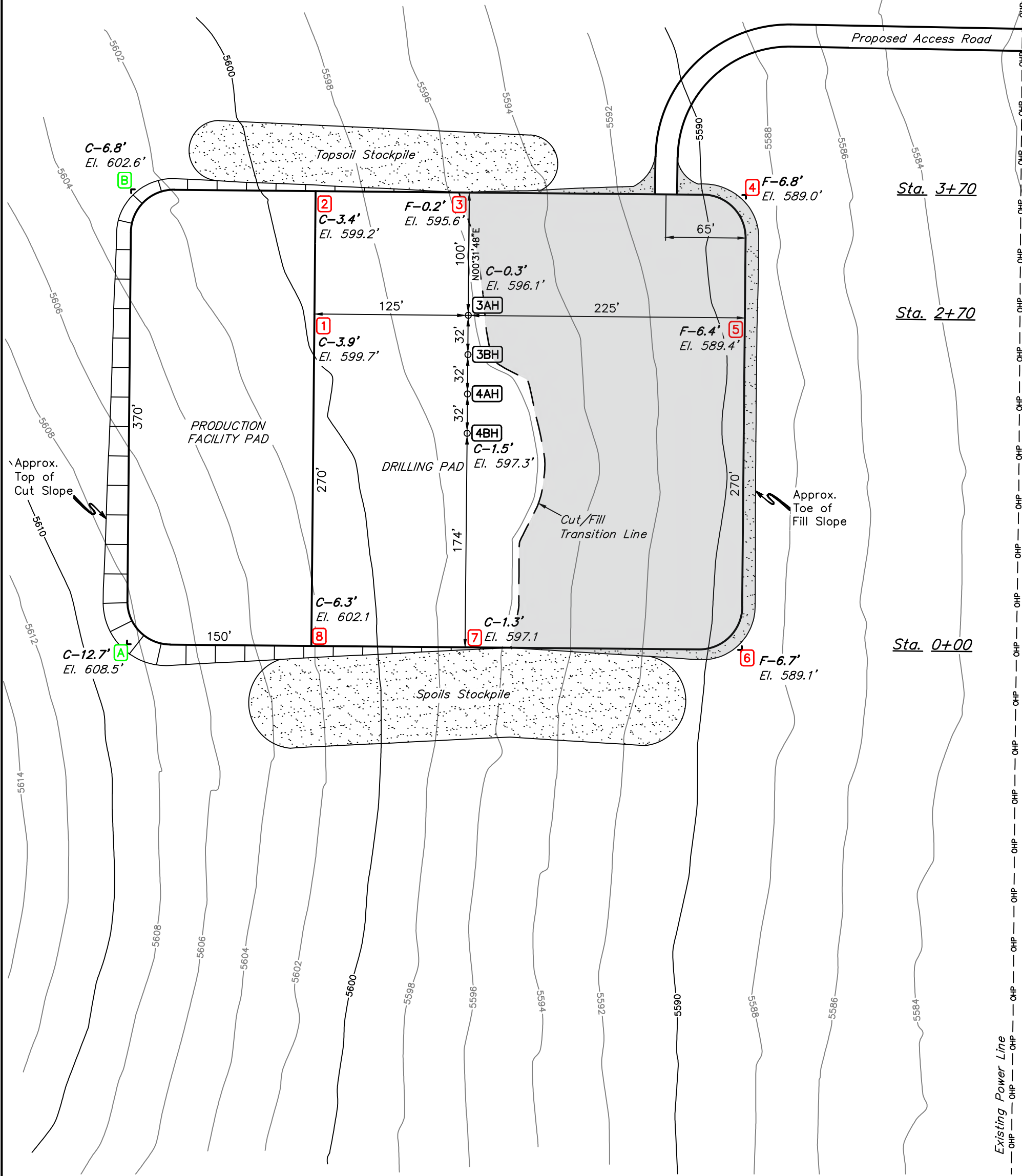
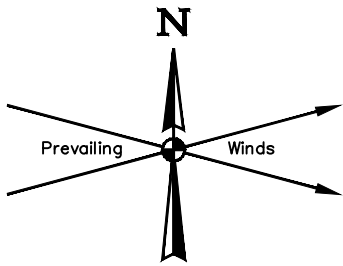
WELL	SURFACE LOCATION	TOP PRODUCTION ZONE	TARGET BOTTOM HOLE
3AH	*1 1311' FSL 475' FEL	*2 2860' FNL 330' FEL	*3 2860' FNL 358' FWL
3BH	*4 1279' FSL 475' FEL	*5 3520' FNL 330' FEL	*6 3520' FNL 330' FWL
4AH	*7 1248' FSL 475' FEL	*8 4200' FNL 330' FEL	*9 4200' FNL 330' FWL
4BH	*10 1216' FSL 475' FEL	*11 4880' FNL 330' FEL	*12 4880' FNL 330' FWL



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY	CHAD MEIERS	11-08-17	SCALE
DRAWN BY	J.J.	10-04-17	1" = 1000'

SECTION BREAKDOWN



FINISHED GRADE ELEVATION = 5595.8'

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- NOTES:**
- Round corners at 35' radius or as needed.
 - Contours shown at 2' intervals.
 - Cut/Fill slopes 1 1/2:1 (Typ.)

CRESTONE PEAK RESOURCES OPERATING LLC

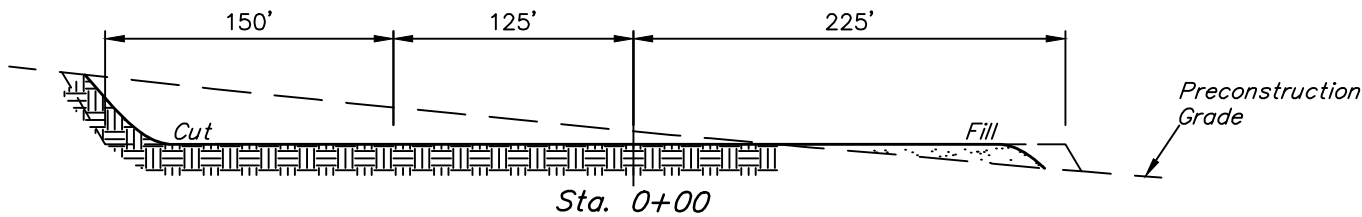
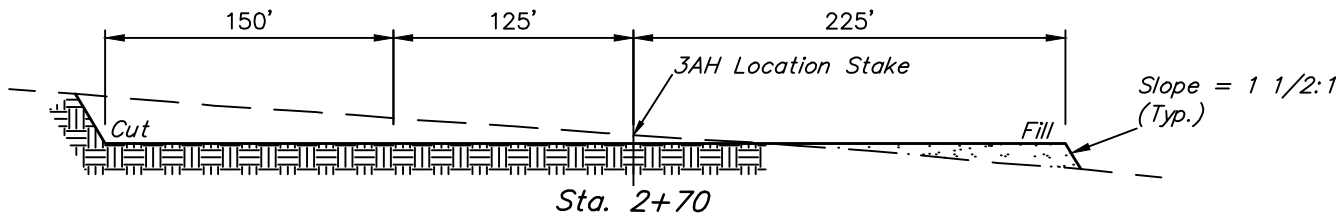
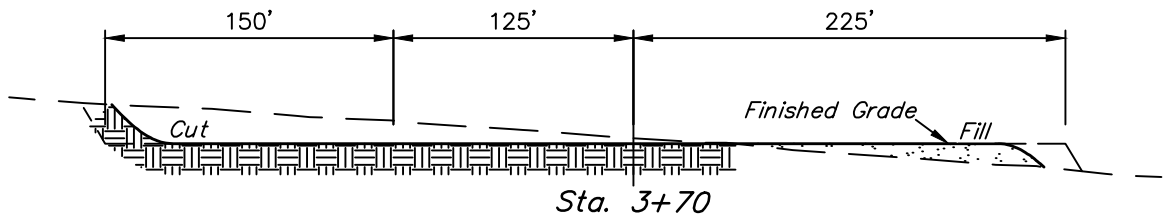
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SURVEYED BY	CHAD MEIERS	11-08-17	SCALE
DRAWN BY	J.J.	10-04-17	1" = 80'
CONSTRUCTION LAYOUT		FIGURE #1	

1" = 40'
X-Section
Scale
1" = 100'



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	3,700 Cu. Yds.
REMAINING LOCATION	19,490 Cu. Yds.
TOTAL CUT	23,190 Cu. Yds.
FILL	11,390 Cu. Yds.
EXCESS MATERIAL	11,800 Cu. Yds.
TOPSOIL	3,700 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	8,100 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±5.474
60' WIDE ACCESS ROAD R-O-W DISTURBANCE	±401'	±0.552
TOTAL SURFACE USE AREA		±6.026

REV: 3 02-26-20 S.F. (COMPANY & WELL NAME CHANGES)

- NOTES:**
- Fill quantity includes 10% for compaction.
 - Calculations based on 6" of topsoil stripping.
 - Cut/Fill slopes 1 1/2:1 (Typ.)

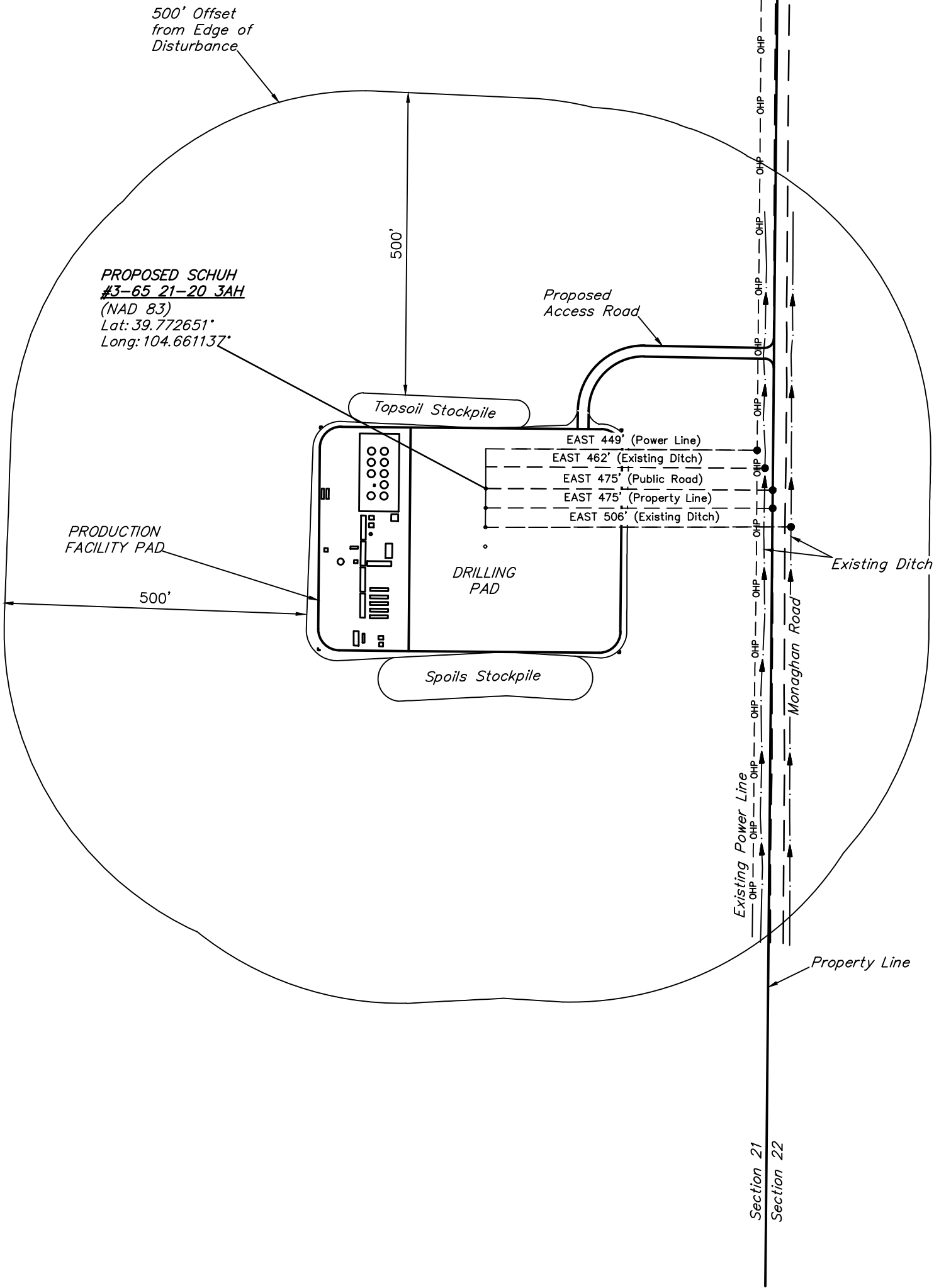
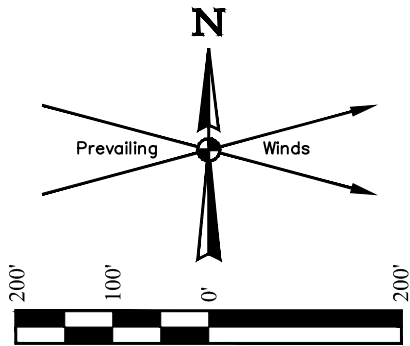
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SURVEYED BY	CHAD MEIERS	11-08-17	SCALE
DRAWN BY	J.J.	10-04-17	AS SHOWN
CONSTRUCTION LAYOUT CROSS SECTIONS			FIGURE #2



REV: 6 02-26-20 S.F. (COMPANY & WELL NAME CHANGES)

PLANT COMMUNITY	CURRENT LAND USE					
<input type="checkbox"/> DISTURBED GRASSLAND	CROP LAND:	<input type="checkbox"/> IRRIGATED	<input checked="" type="checkbox"/> DRY LAND	<input type="checkbox"/> IMPROVED PASTURE	<input type="checkbox"/> HAY MEADOW	<input type="checkbox"/> CRP
<input type="checkbox"/> NATIVE GRASSLAND	NON-CROP LAND:	<input type="checkbox"/> RANGELAND	<input type="checkbox"/> TIMBER	<input type="checkbox"/> RECREATIONAL	<input type="checkbox"/> OTHER (Describe)	
<input type="checkbox"/> SHRUB LAND	SUBDIVIDED:	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> RESIDENTIAL	_____	
<input type="checkbox"/> PLAINS RIPARIAN						
<input type="checkbox"/> MOUNTAIN RIPARIAN						
<input type="checkbox"/> FOREST LAND						
<input type="checkbox"/> WETLANDS AQUATIC						
<input type="checkbox"/> ALPINE						
<input checked="" type="checkbox"/> OTHER (Describe): <u>WHEAT STUBBLE</u>						
	FUTURE LAND USE					
	CROP LAND:	<input type="checkbox"/> IRRIGATED	<input checked="" type="checkbox"/> DRY LAND	<input type="checkbox"/> IMPROVED PASTURE	<input type="checkbox"/> HAY MEADOW	<input type="checkbox"/> CRP
	NON-CROP LAND:	<input type="checkbox"/> RANGELAND	<input type="checkbox"/> TIMBER	<input type="checkbox"/> RECREATIONAL	<input type="checkbox"/> OTHER (Describe)	
	SUBDIVIDED:	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> RESIDENTIAL	_____	

NOTES:

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SURVEYED BY	CHAD MEIERS	11-08-17	SCALE
DRAWN BY	J.J.	10-04-17	1" = 200'
LOCATION DRAWING			FIGURE #3

LEGEND:

N

SL = SURFACE LOCATION.
TPZ = TOP PRODUCTION ZONE.
TBH = TARGET BOTTOM HOLE.
● = SURFACE LOCATION.
◆ = TOP PRODUCTION ZONE.
○ = TARGET BOTTOM HOLE.

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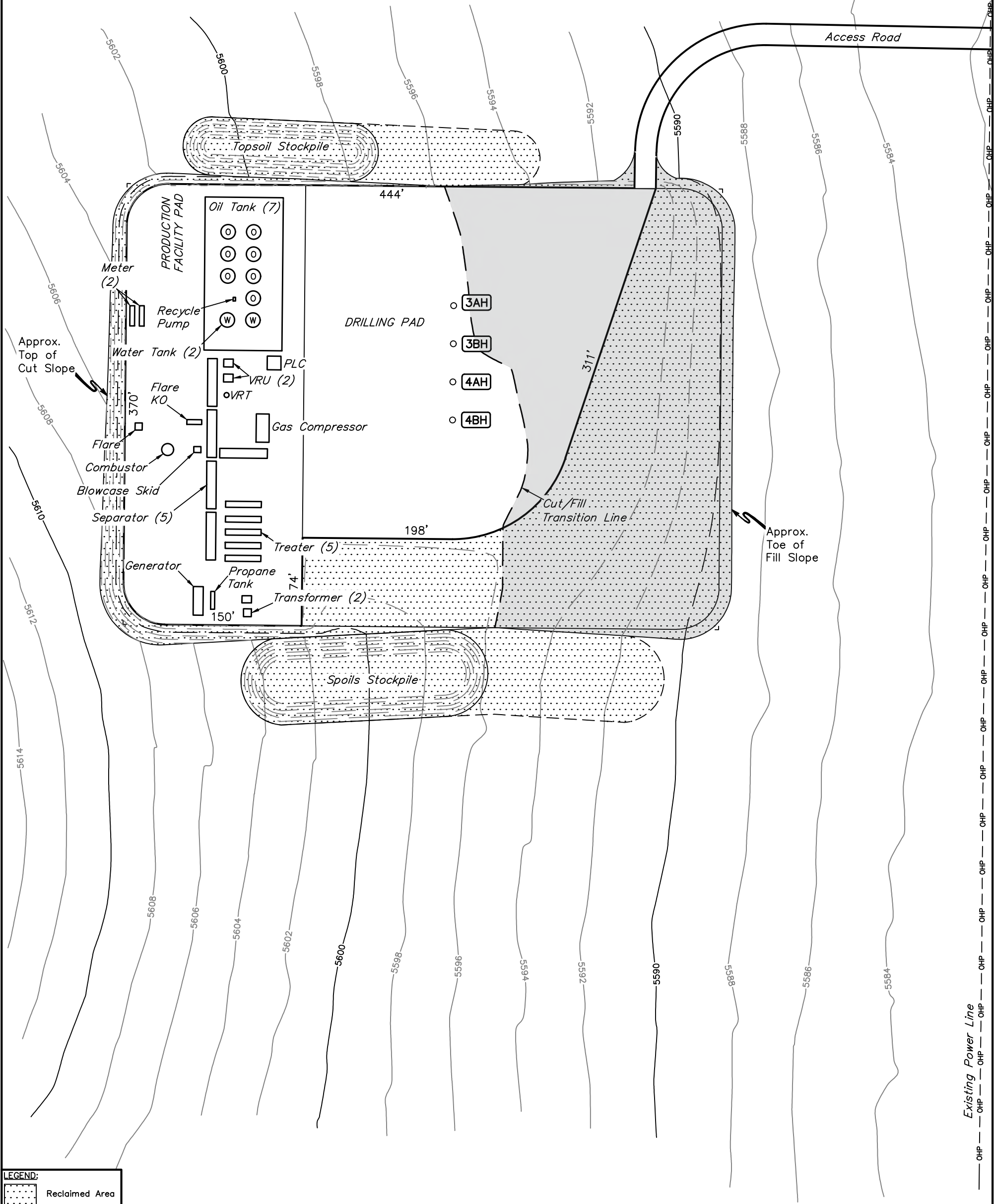
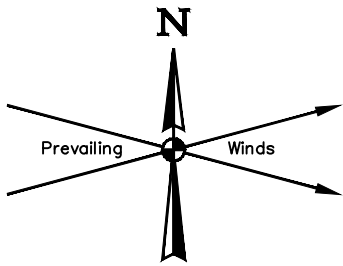
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MULTI-WELL PLAN			FIGURE #4



LEGEND:
Reclaimed Area

APPROXIMATE UN-RECLAIMED ACREAGE = ±2.910 ACRES
APPROXIMATE RECLAIMED ACREAGE = ±2.564 ACRES
TOTAL ACREAGE = ±5.474 ACRES

NOTES:
• Contours shown at 2' intervals.

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INTERIM RECLAMATION PLAN			FIGURE #5



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