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SEVEN POINT DRILLING PLAN



COLO. OIL & GAS CONS. COMM.

USA, Well #1-22  
SE NE Sec. 22-T6N-R90W  
Moffat County, Colorado

1. Surface Casing: 10-3/4" OD, 32.75#, H-40 350'
2. Casing Head: 10-3/4" X 10", 3000# WP w/2-2" outlets  
1-2" 3000# WP valve
3. Intermediate Casing: 7" OD, 23#, K-55, ST&C 5000'  
7" OD, 26#, K-55, ST&C 1200'  
To be set at the top of Niobrara at approximately 6100'
- Oil String: 5" OD Liner, 18#, N-80, LT&C 1275'  
To be set at a depth of approximately 7650'
4. Blowout Preventers: Type - Ram Type  
Series - Ser. 900 (3000# WP, 6000# Test) or greater  
No. of Rams - Two; one blind and one pipe ram for 4-1/2" OD  
and 3-1/2" OD drill pipe  
Manufacturer- Cameron or Shaffer, hydraulic operated  
Will also use Hydril, 3000# WP, 6000# Test, or greater. Fill,  
kill and choke line will be 3000# WP or greater, connected  
below rams on BOP. Blowout equipment will be pressure tested  
to 1000 psi before drilling out of casing and operational  
checks will be made daily.
5. Auxiliary Equipment: Kelly cock  
Pit level alarm on mud pit  
Sub with full opening valve on floor for use when Kelly  
not in hole
6. Anticipated Bottom Hole at Maximum Expected Pressure: 2000 psi
7. Drilling Fluid: Water & Gel. w/lime to maintain clean hole for running surface  
casing.  
Below Surface - Water w/Benex and gel as required to clean hole,  
9.0<sup>±</sup> ppg, viscosity as required; 10cc<sup>+</sup> water loss, LCM as required  
to top of Niobrara at approximately 6200'. The Niobrara will be  
drilled with oil based mud.

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DEVELOPMENT PLAN FOR SURFACE USE

COLO. OIL & GAS CONS. COMM.

USA, Well #1-22  
SE NE Sec. 22-T6N-R90W  
Moffat County, Colorado

1. Existing road system shown on attached map.
2. The main access road(s) from Craig, Colorado are highlighted in "green" on the attached map(s). There now exists a trail which extends approximately 1-3/4 miles southward from the approx C S/2 Sec. 15. This trail will be improved. New construction will be from the end of the trail northward approximately 3/4 miles to location.
3. All known existing wells within a two mile radius are shown on the attached map.
4. All roads are shown on the existing map.
5. In the event production is established, a tank battery will be installed at, or adjacent to the well site. This battery will be built approximately 600' north and connected to the well with a 3-1/2" flow line.
6. Water to be obtained from ponds located in Sec. 25 or Sec. 14.
7. Cuttings to be disposed of in reserve pit, a burn pit to be used for disposal of trash, garbage, etc., and covered on clean-up of location. If any additional surface is required for disposal of waste material from producing operations, the subsequent Development Plan for Surface Use will cover this aspect when it is submitted.
8. No camp is anticipated.
9. No air strip is planned.
10. Well site location to be approximately 150' X 250' with drilling pad compacted. Sketch attached.
11. Upon completion of drilling operation, the disturbed surface area will be restored as near as practical to its original contours. All restoration and reseeding will be per instructions of, and to the satisfaction of, the B.L.M. or U.S.G.S.
12. The location is located on top of a sloping ridge. Generally, the area is covered with sage brush and a small amount of native grass. Removal of the vegetation will be limited to the location and access road.