

Federal 1-22 #2
 Federal Lease NM-14925
 Escrito Gallup Oil Pool
 Rio Arriba County, New Mexico
 Ground Elevation 6799
 790' FSL 790' FWL Sec. 22 T24N R7W NMPM

3-16-76 to 3-17-76

Drilled 12 1/4" hole 144'. Ran 3 joints (144') of 24.70 # 8 5/8 surface casing and cemented with 100 sacks Class B cement with 2% Ca Cl.

3-28-76 to 4-6-76

Drilled 7 7/8" hole to 5680 -- Drillers T.D. 5680 Deviation results are as follows:

1587 -- 1/2; 2434 -- 1/2; 2824 -- 1;
 3256 -- 1 1/4; 3654 -- 1; 4311 -- 1 1/2;
 4805 -- 1 3/4; 5190 -- 2; 5524 -- 1 3/4

4-6-76

Tried to log but couldn't.

4-7-76

Determined KB TD was 5697. Ran 5694' 4 1/2" 11.5 casing and cemented as follows:

Stage 1

Cemented 5697 to 3421 140 sacks Halliburton light w/2% Ca Cl and 10 #'s Gilsonite per sack and 300 sacks 50/50 Poz w/2% gel.

Stage 2

Baker DV tool set at 3421. Cemented 3421 to surface with 475 sacks Halliburton light w/ 10 #'s Gilsonite per sack.

4-19-76

Drilled out DV stage at 3421. Ran Dual Spacing thermal neutron decay time log. TD 5629.

JUN 4 1976

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5-3-76

Drilled out 38' of cement making PBT 5667. Ran perforating depth control log and perforated W/2 SPF 5622-5592; 5501-5499; 5591-5489; 5484-5482; 5476-5466; 5434-5432; 5422-5420, and 5416-5408. 116 total shots.

5-4-76

Broke down 5592 to 5622 at 2900 #'s ISIP 800 #'s. Ran 500 gals. 15% HCl and 58 balls. No ball off.

Broke down 5466 to 5501 at 2000 #'s ISIP 700 #'s. Ran 500 gals. 15% HCl and 30 balls. No ball off.

Broke down 5408-5434 at 2300 #'s. Ran 500 gals 15% HCl and 22 balls. No ball off. ISIP 800 #'s.

Fracked with 105,430 gallons water; 150,000 #'s 10/20 sand; 110 gallons Morflo; 1500 #'s WG-6 gelling agent; 15 #'s GBU-3; and 165 sacks KCL. Average treating pressure 2500 #'s, ISIP 1350 #'s, 5- min SIP 1275 #'s. Avg. treating rate 55 BPM.

5-5-76 to 5-8-76

Swabbed well. 5-5-76 date of 1st oil production.

5-25-76

Well produced 25 bbls. of oil, 1 bbl' of frac water and 75 MCF of gas. Well was produced with a piston.

