

WELL SUMMARY - CABOT USSR #1, LEA COUNTY, NEW MEXICO

OCT 10 8 01 AM '65

Location: 1980' FNL & 1980' FWL of Section 5, T-12S-R34E

SPUD DATE: 11:00 a.m. 6/20/65 Moran Drlg. Company

September 20 TD - 495'. WOC. Moran Drlg. Company moving in.

September 21 TD - 870'. Drlg. in redbeds and shale. Started drlg. out @ 9:45 p.m. Made 375' in $8\frac{1}{2}$ drlg. hrs. Dev $\frac{1}{2}^{\circ}$ @ 497', $\frac{1}{2}^{\circ}$ @ 792'. MW - 9.9, Vis - 33. Pressure tested csg. before drlg. out to 1000 psi - held o.k. Pressure tested to 400 psi after drlg. cement out of csg. shoe - held o.k.

September 22 TD - 2242'. Drlg. Made 1372'/ 20 drlg. hrs. Dev $\frac{1}{2}^{\circ}$ @ 1260', 1° @ 1750', $1\frac{1}{2}^{\circ}$ @ 1970'

September 23 TD - 3266'. Drlg. Made 1024'/ 21 drlg. hrs. Drlg. w/ water. Dev $\frac{1}{2}^{\circ}$ @ 2665'

September 24 TD - 3977'. Drlg. Made 711'/ $20\frac{1}{2}$ drlg. hrs. Dev $\frac{1}{4}^{\circ}$ @ 3485'. MW - 10.5, Vis - 33

September 25 TD - 4066'. Ran 131 jts 8 5/8" csg. set @ 4065'. Cemented w/ 250 sks Class "C", 1:1 Litepoz, 4% gel, and 100 sks Class "C". PD @ 12:45 a.m. WOC

September 26 TD - 4210'. Drlg. in lime. WOC - 24 hrs. Made 144' /5 drlg. hrs. Drlg. w/ water

September 27 TD - 4652'. Drlg. Made 442'/ 20 drlg. hrs. Drlg. w/ clear water. Dev $\frac{1}{4}^{\circ}$ @ 4400'

September 28 TD - 5112'. Drlg. Dev $\frac{1}{4}^{\circ}$ @ 4745'. Made 360'/ 18 drlg. hrs. Drlg. w/ clear water

September 29 TD - 5585'. Drlg. Made 473'/ $20\frac{1}{2}$ drlg. hrs. Drlg. w/ water. Dev $\frac{1}{4}^{\circ}$ @ 5430'

September 30 TD - 6163'. Drlg. Made 518'/ $18\frac{1}{2}$ drlg. hrs. Drlg. w/ clear water. Dev $\frac{1}{4}^{\circ}$ @ 5840'

October 1 TD - 6567'. Drlg. Made 404'/ $18\frac{3}{4}$ drlg. hrs. Drlg. w/ clear water. Dev $\frac{1}{2}^{\circ}$ @ 6240'

October 2 TD - 6961'. Drlg. Made 694'/ $17\frac{3}{4}$ drlg. hrs. Drlg. w/ clear water. Dev $\frac{1}{2}^{\circ}$ @ 6850'

October 3 TD - 7308'. Drlg. Made 120'/ $19\frac{3}{4}$ hrs. Drlg. w/ clear water. Dev $\frac{1}{2}^{\circ}$ @ 6850'

October 4 TD - 7631'. Drlg. Made 323'/ $18\frac{3}{4}$ drlg. hrs. Mudding up. Dev $\frac{1}{2}^{\circ}$ @ 7335'

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October 5 TD - 8070'. Drlg. in lime and shale. Made 439' / 20½ hrs.
MW - 9.8, Vis - 36, 5% oil. Dev ½° @ 7630'

October 6 TD - 8284'. Drlg. Made 210' / 12½ drlg. hrs. MW - 9.8,
Vis - 38, 5% oil. Dev ½° @ 8090', ¾° @ 8270'

October 7 TD - 8550'. Drlg. Made 266' / 18½ drlg. hrs. MW - 9.2,
Vis - 38, WL - 46. Dev 1° @ 8450'

October 8 TD - 8847'. Drlg. Made 297' / 19½ drlg. hrs. MW - 9.2,
Vis - 35, WL - 60, 4% oil. Dev 1½° @ 8670'

October 9 TD - 8958'. Drlg. in lime. Dev 1½° @ 8850'. Made 110'
/ 13 drlg. hrs. MW - 9.2, Vis - 37, WL - 50, 3/32 cake.
4% oil

October 10 TD - 9120'. Drlg. in lime. Made 162' / 18½ drlg. hrs.
Dev 1 ¾° @ 9060'. MW - 9.2, Vis - 39, WL - 65, 3/32 cake

October 11 TD - 9239'. Drlg. Made 55' / 13 ¾ drlg. hrs. Drlg. w/
brine water.

October 12 TD - 9402'. Drlg. Made 163' / 18 drlg. hrs. MW - 9.2,
Vis - 37, WL - 58. Dev ¾° @ 9365'

October 13 TD - 9526'. Tripping. Made 124' / 16 drlg. hrs. Dev 1½°
@ 9450'. MW - 9.4, Vis - 37, WL - 50, FC - 3/32