

DATE 5-9-88

PRESENT
WELL DATA SHEET

Lease Mescalero Federal

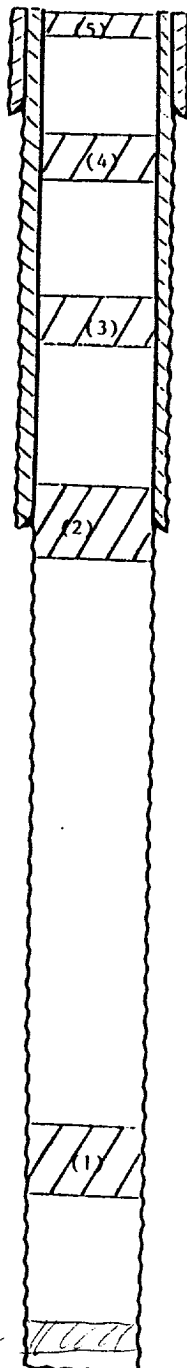
Well No. 1

Location 1980' FNL & 1980' FWL, Sec. 11, County Chaves State New Mexico
T-12-S, R-30-E (F)K.B. Elev. 4022'
G.L. Elev. 4003'
D.F. Elev. 4021'

Date Plugged 3-22-86

Formation(s) All zones non-commercial.

The primary objective was the Devonian.



Cut 13-3/8" & 9-5/8" csg off 4' below GL. Weld plate on 13-3/8" & install marker.

Gr. N.A. Thd. ST&C

Set @ 429'

w/ 350 Skts.

Hole Size 16"

Cement circulated.

Tested csg to 600#

Held O.K.

9-5/8" 36"

Gr. K-55 Thd. LT&C

Set @ 4300

w/ 2113 Skts.

Hole Size 12-1/4"

Cement circulated.

Tested csg to 1040#

Held O.K.

3-22-86

Set Cmt Plugs Set as Follows:

- (1) Set 85 sx "H" cmt plug from 7670' - 7470'
- (2) Set 105 sx "H" cmt plug from 4375' - 4225'. Found top w/wire line at 4231'
- (3) Set 45 sx "H" cmt plug from 1675' - 1575'
- (4) Set 45 sx "H" plug from 833' - 733'
- (5) Set 20 sx "H" plug from 50' - 0'

* Also, cmt. plug
9700 - 9550

DST Results

UNDESIGNATED - DEVONIAN - CHAVES COUNTY, NEW MEXICO - 1.0000000
API NUMBER: 10-005-21052 AFE NUMBER: 40-20-4785
D & T Mescalero 11 NO. 1 - OBJECTIVE: 10,700' DEVONIAN
LOCATION: 1980' FNL & 1980' FWL OF SECTION 11, T-21S, R-30E
TO: 10,554' PWD: NA PMS: NA CL: PLY: NA DATE SPED: 1/14/86
RIG RPL: 3/22/86 COMPLETED: P&A FORMATION: DEVONIAN PERFS:
HMR WORK DONE: Ran 13 jts 13-3/8" surface csg. RU Dwell.
Cemented csg w/350 ex class "C" w/42 gel. Returns to surface.
Tested to 600 psi w/no leaks. RU Schlumberger. Logged well
w/GR-MI-MSFL-CAL & MCT-LDT-CM-FDC from 4296'-1500' (GR-CAL to
500'). 2nd run w/GR-LSS from 4296'-2200'. Ran 103 jts 9-5/8",
class "C" light & 182 salt & 950 ex class "C" + 22 CACL.
Returns to surface. Tested to 1040 psi w/no leaks. RU
Schlumberger. Logged well w/ML-MSFL-GR-CAL from 10,463'-4300'
& CHL-LDT-FDC-GR-CAL from 10,406'-4300'. 3rd run w/LSS-GR from
8970'-4300'. DST #2: Flopetrol-Johnston 10,227'-10,550'.
Surface performance: Steady increasing flow to 15.37 psi during
1st; increased to 69.45 psi during 2nd. Drill Pipe Recovery
8571' total fluid; slightly oil cut mud. Sample chamber
recovery: Pressure: 40 psi Cu.fr. Gas: 0.01 C.G. Oil: 570
C.G. Water: 1870 C.G. Mud: 10 Tot. Liq.: 2400 API Gravity:
39.4 at 60°F 40 at 80°F. Drill Pipe Recovery: 486' gas &
Scavenger cut drilling fluid: 2.67 bbls. Total fluid sample
chamber recovery: Pressure: 200 psi DST #3. Baker-Lyness
Testing 10,259'-10,305'. Surface Performance: First flow inc.
to 1.5 oz.; second flow inc. to 51 psi, third flow 21 psi, ran
nitrogen to blow down drill pipe, ran third flow to get fluid to
surface-no pressure data. Drill Pipe Recovery: 640' oil, 2694'
heavy oil cut water; 1500' water. Plt Recovery: 23 BO, 113 BW
Sample Chamber Recovery: Chamber contaminated - not reported.
Set balanced cmt plug from 10,259'-9540' w/410 ex class "H" cmt.
DST #4, no test, phs failed. DST #5: Flopetrol-Johnston
9522'-9543'. Surface Performance: Initial flow inc to 81 psi;
second flow inc from 1.37 psi to 4.07 psi; third flow inc from
3.47 psi to 3.81 psi. Drill Pipe Recovery: 486' gas &
scavenger cut drilling fluid; 2.42 bbls total fluid. Sample
Chamber Recovery: Pressure 200 psi. All zones non-commercial.
PU Dwell. Set 85 sx "H" cmt plug from 7670'-7470'. Set 105 sx
class "H" cmt plug from 4375'-4225'. RU wireline & tagged top
1675'-1575'. Set 45 sx class "H" cmt plug from
833'-733'. Set 45 sx class "H" cmt plug from 833'-733'. Cut
plug w/20 ex & 9-5/8" csg 4' below GL. Set 50' class "H" surface
well abandonment marker 4' above GL.
Final Report

Top of Devonian 10,259'

Well P&A. Did not run
prod. csg.

Hole Size 8-3/4"

Plug Back Total Depth Surface

Total Depth 10,554

Well Name Mescalero Federal No. 1