

DATE 5-9-88

PRESENT
WELL DATA SHEET

Lease Mescalero Federal

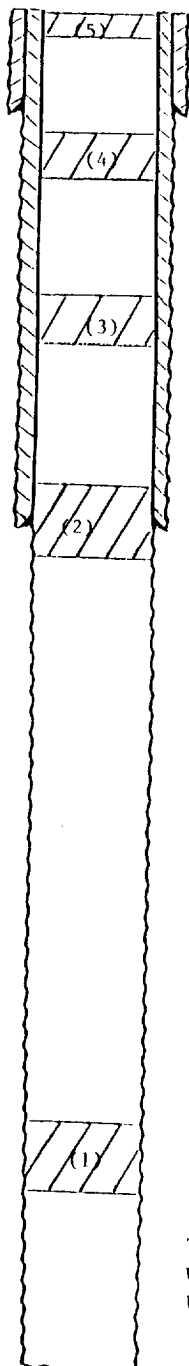
Well No. 1

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. N.A.#
Gr. N.A. Thd. ST&C
Set @ 429'
w/ 350 Skts.
Hole Size 16"
Cement circulated.
Tested csg to 600#
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'

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.

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
TD: 10,554' FBID: NA RM: NA GL ELEV: NA DATE SPUD: 1/14/86
RIG REL: 3/22/86 COMPLETED: P&A FORMATION: DEVONIAN PERFS:
NONE WORK DONE: Ran 13 jts 13-3/8" surface csg. RU Dowell.
Cemented csg w/350 sk class "C" w/42 gel. Returns to surface.
Tested to 600 psi w/no leaks. RU Schlumberger. Logged well
w/GR-DLL-HSFL-CAL & HLT-LDT-CMT-FDC from 4296'-1500' (GR-CAL to 500'). 2nd run w/GR-LSS from 4296'-2200'. Ran 103 jts 9-5/8", 36#, K-55 LT&C intermediate csg. RU Dowell. Cmt csg w/1163 class "C" light + 18" split & 950 sk class "C" + 22 CACL.
Returns to surface. Tested to 1040 psi w/no leaks. RU Schlumberger. Logged well w/DLL-HSFL-GR-CAL from 10,483'-4300' & CRL-LDT-FDC-GR-CAL from 10,404'-4300'. 3rd run w/LSS-GR from 8970'-4300'. DST #2: Flopetrol-Johnston 10,222'-10,550'.
Surface performance: Steady increasing blow to 15.37 psi during IF; increased to 69.45 psi during FF. Drill Pipe Recovery: 8571' total fluid; slightly oil cut mud. Sample chamber recovery: Pressure: 40 psi Cu.ft. Gas: 10.01 C.C. Oil: 520 C.C. Water: 1870 C.C. Mud: 10 Tot. Liq.: 2400 API Gravity: 39.4 at 60°F 40 at 68°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 10,359'-10,305'. Surface Performance: First flow inc. to 1.5 oz.; second flow inc. to 31 psi, third flow 21 psi, can nitrogen to blow down drill pipe, ran third flow to get fluid to surface-no pressure data. Drill Pipe Recovery: 640' oil, 5694' heavy oil cut water; 1500' water. Pit Recovery: 23 80, 113 RU Sample Chamber Recovery: Chamber contaminated - not reported. Set blanced cmt plug from 10,259'-9540' w/410 sk class "H" cmt. DST #4, no test, pkrs failed. DST #5: Flopetrol-Johnston 9322-9543'. 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; 2.67 bbls total fluid. Sample chamber Recovery: Pressure 200 psi. All zones non-commercial. PU Dowell. 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 sk class "H" cmt plug from 833'-733'. Cut off 13-3/8" & 9-5/8" csg 4' below GL. Set 50' class "H" surface plug w/20 sk & 1" CACL2. Welded plate onto 13-3/8" csg & placed 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