

Operator Name CHIEF DRILLING CO., INC. Lease Name Fullmer Well # 1

Sec. 12 Twp. 15S Rge. 29W County Gove

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
12-05-87 Finished moving in on location, Spudded in @ 3:00 pm, ran 7 jts. 290', new 20#, 8 5/8" set @ 303', cem w/180 sks 60/40 posmix 3% cc. 2% gel, plug down @ 7:45 pm.
12-06-87 Drilling @ 595'
12-07-87 Drilling @ 2292'
12-08-87 Drilling @ 3020'
12-09-87 Drilling @ 3610' DST #1 3676-3720 (Lans. 35'z) 30-30-60-60 IF: wk to fair bl, FF: fair bl, Rec. 400' SW w/O spots chlr. 42,000 ppm, IBHP: 1047#, FBHP: 1065#, IFF: 80-107 FFP: 133-205
12-10-87 DST #2 3730-3765 (Lans 70'z) 30-30-60-60 IF: fair bl FF: fair bl, Rec. 275' W w/O spots, IBHP: 1065#, FBHP: 1028#, IFF: 62-80 FFP: 125-142
12-11-87 DST #3 3847-3876 (Lans 160z) 30-30-60-60 IF: st bl, FF: st bl, Rec. 1200' GSW chlr. 66,000 ppm, IBHP: 1074#, FBHP: 1074#, IFF: 89-267 FFP: 312-580
DST #4 3891-3930 (Lans. 200'z) 30-30-60-60 IF: st bl, FF: wk bl, Rec. 740' SW, chlr 69,000 ppm, IBHP: 285#, FBHP: 285#, IFF: 89-169 FFP: 187-267
12-12-87 DST #5 3930-3945 (Middle Cr.) 30-30-60-60 IF: fair bl, FF: fair bl, Rec. 325' SW chl. 68,000 ppm, IBHP: 312#, FBHP: 312# IFF: 80-187, FFP: 133-187
12-13-87 T.D. 4320', Logged, Plugged w/25 sks @ 1970', 100 sks and 1 sk flo seal @ 880' 40 sks @ 330', 10 sks @ 40', 15 sks RH, 10 sks MH, 200 sks 60/40 posmix 6% gel. Started @ 11:00 pm, Comp. @ 2:30 am Gilbert Balthazor State Plugger, Dist. #6. Final Report

Formation Description [] Log [] Sample

Name Top Bottom

FORMATION TOPS:

Table with 2 columns: Formation Name, Depth Range. Includes Anhydrite, Base Anhyd, Heebner, Lansing, Muncie Cr., Stark, BKC, Marmaton, Pawnee, Ft. Scott, Cherokee Sh, Mississippi, RTD.

E-LOG TOPS:

Table with 2 columns: Formation Name, Depth Range. Includes Anhydrite, Base Anhy., Heebner, Lansing, Muncie Cr., Stark, BKC, Marmaton, Pawnee, Ft. Scott, Cherokee Sh, Mississippi, LTD.

[X] New [] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (in O.D.), Weight Lbs/Ft., Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Row 1: Surface, 12 1/4", 8 5/8", 20#, 303', 60/40, 180, 3% cc. 2% gel.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used) Depth.

TUBING RECORD Size Set At Packer at Liner Run [] Yes [] No

Date of First Production Producing Method [] Flowing [] Pumping [] Gas Lift [] Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [] Perforation [] Other (Specify) [] Dually Completed [] Commingled [] Single