

LEA
SHELL OIL CO.

Custer
2 State "B" Com.
Sec 36, T24S, R36E

NM
Page #3

7-20-81

Continued

LOG TOPS: Rustler 1173, Yates 2824, Grayburg
3610, Mississippian 8820, Devonian 9664,
Montoya 11,111, McKee 11,800, Ellenburger
12,318

LOGS RUN: CNL, FDC, BHC, DILL, MLAT, GRSL,
GRL, CCL

BHT 160 deg @ 9646, 197 deg @ 12,333

Rig Released 4-9-81

7-25-81

COMPLETION ISSUED

8-8-81

RE-ISSUE TO ADD DEVONIAN CAOF, 4 PT GAUGES,
& BHT

7-4-28 NM

IC 30-025-70005-81

COUNTRY LEA FIELD Cluster STATE MI
 OPR SHELL OIL CO. API 30-025-27210
 NO 2 LEASE State "B" Com. MAP
 Sec 36, T24S, R36E CO-ORD
 1650 FSL, 1980 FEL of SCS 7-4-28 NM
 3 mi NW/Jal SPD 1-15-81 CMP 6-21-81

CSC	WELL CLASS: INIT D FIN DG LSE CODE			
	FORMATION	DATUM	FORMATION	DATUM
20-40-set				
13 3/8-1200-1150 SX				
9 5/8-4070-1320 SX				
7-12,950-1250 SX				
2 1/2-12,240				
	12,950 (ELBG)		PBD 12,615	

IP (Devonian) Perfs 9646-87 MAOF 5556 MCFGPD. GOR 606; gty
 (Gas) .639; (Cond) 59.7; SIWHP 2103; SIBHP 2223
 IP (Ellenburger) Perfs 12,930-585 MAOF 19,753 MCFGPD. GOR 606; gty
 (Gas) .585; SIWHP 1246; SIBHP 1194

CONTR Santa Fe #12 OPRSELEV 3275 GL, 3287 DF sub-s 12

F.R. 1-12-81
 PD 13,000 RT (Devonian - Ellenburger)
 1-16-81 Drlg 320
 1-22-81 Drlg 2630
 Mud wt 10.1
 1-29-81 TD 4100; Str to run 4 5/8 Csg
 2-6-81 Drlg 5182
 2-11-81 Drlg 6466
 2-20-81 Drlg 7830
 2-27-81 Drlg 8616
 3-2-81 Drlg 8998
 3-16-81 Drlg 10,600
 Drlg break 9656-585 10,624-430
 3-19-81 Drlg 11,045
 3-27-81 Drlg 12,096
 4-3-81 Drlg 12,830 d.10
 4-6-81 TD 12,950; 1100
 4-9-81 TD 12,950; 1100
 4-16-81 TD 12,950; 1100
 5-4-81 TD 12,950; 1100

7-4-28 NM

LEA
SHELL OIL CO.

Custer
1 State St. Bldg.
Sec 16, T4S, R36E

NM
Page #2

5-13-81 TD 12,950; PBD 12,615; 81
Perf (Ellenburger) 12,625-843 w/32 shots
(overall)
Acid (12,625-843) 5000 gals + 1000 SCF N₂ per
bbl
Swbd 40 BW in 3 hrs (12,625-843)
CIBP @ 12,615
5-19-81 TD 12,950; PBD 12,615; Eng Baf Bomb
Perf (Ellenburger) 12,333-585 w/48 shots (OA)
Acid (12,333-585) 6000 gals (15% NE)
Flwd @ 5000 MCF/GP + 12 BW in 4 hrs thru
40/64 chk, TP 100 (12,333-585)
5-27-81 TD 12,950; PBD 12,615; CIBP
6-17-81 TD 12,950; PBD 12,615; CIBP
RBP @ 9800 7-6-81 NM

~~6-17-81~~ Continued
Perf (Devonian) 9646-87, 12,615-87
w/1 SPK
Acid (9646-87, 12,615-87) 5000 gals + 1000 SCF N₂ per bbl
Flwd @ 1000 MCF/GP + 12 BW in 4 hrs
7-6-81 TD 12,950; PBD 12,615; CIBP
Pulled RBP @ 9800
7-20-81 TD 12,950; PBD 12,615; CIBP
(Ellenburger) PERF BY 101 GAUGES
Flwd 1361 MCF/GP, chk NR, 60 mins, TP 1823
Flwd 2412 MCF/GP, chk NR, 60 mins, TP 1886
Flwd 3625 MCF/GP, chk NR, 60 mins, TP 1918
Flwd 4797 MCF/GP, chk NR, 60 mins, TP 1976
Ellenburger Completed 5-21-81
(Devonian) PERF POINT GAUGES:
Flwd 495 MCF/GP, chk NR, 60 mins, TP 2031
Flwd 949 MCF/GP, chk NR, 60 mins, TP 1959
Flwd 2422 MCF/GP, chk NR, 60 mins, TP 1712
Flwd 3086 MCF/GP, chk NR, 60 mins, TP 1241