

COUNTY LEA FIELD Unnamed STATE NM
 OPR ARCO O&G API 30-025-29151
 NO 1 LEASE Lawrence, Emma MAP
 Sec 23, T17S, R38E CO-ORD
 1980 FSL, 660 FEL of Sec 7-2-18 NM
 6 mi N/Hobbs SPD 3-27-85 CMP 5-30-85

CSC	WELL CLASS: INIT D FIN WSD LSE. CODE			
	FORMATION	DATUM	FORMATION	DATUM
20-30-15 sx				
13 3/8-418-500 sx				
8 5/8-5020-2400 sx				
5 1/2-9800-550 sx				
2 7/8-9633				
	TD 12,249 (DVNN)		PBD 9756	

IP (Wolfcamp) Perfs 9722-9733 P 33 BOPD + 108 BW. Pot based on
 24 hr test. GOR 242; gty 31.5

CONTR Moranco #2 QPRSELEV 3663 GR SUBS 15

7-6-85 F.R. 3-4-85
 PD 12,600 RT (Wolfcamp)
 AMEND FIELD & ZONE: Formerly Knowles S
 (Devonian)
 4-1-85 Drlg 4215
 4-8-85 Drlg 7100
 mw 8.4, vis 28
 4-15-85 Drlg 9435
 mw 8.6, vis 50
 4-18-85 Drlg 9850 1m & sh
 mw 8.7, vis 39
 Drlg break 9722-9765
 DST (Wolfcamp) 9715-9765, no desc
 4-30-85 Drlg 12,152 1m & sh
 mw 9.2, vis 37 7-2-18 NM

LEA
ARCO O&G

Unnamed
1 Lawrence, Emma
Sec 23, T17S, R38E

NM
Page #2

4-30-85 Continued
Drlg breaks 10,570-10,575, 10,847-10,853
5-3-85 TD 12,249; Prep DST
5-18-85 TD 12,249; PBD 9756; WOCT
ATT DST (Devonian) 12,228-12,249, mis run
ATT DST (STRD) (Wolfcamp) 9629-9775, misrun
ATT DST (STRD) (Wolfcamp) misrun
DST (STRD) (Wolfcamp) 9715-9770. DP rec (NR),
(Sample chamber rec 450 CC OIL + 1500 CC WTR
@ 600), IFP 133-4113, ISIP 4069, FFP 751-4113,
FSIP 4157, HP 4644-4644, no times reported
5-24-85 TD 12,249; PBD 9756; TOP
Perf (Wolfcamp) 9722-9733

7-2-18 NM

5-24-85 Continued
Acid (9722-9733) 1500 gals (15% NEFE HCL)
Ppd 17 BO + 13 BW in 11 hrs (9722-9733)
6-5-85 TD 12,249; PBD 9756; WOPT
Ppd 33 BO + 108 BW in 24 hrs (9722-9733)
7-8-85 TD 12,249; PBD 9756; Complete
Wolfcamp discovery; no suggested field name
Will re-issue when additional information
becomes available
LOG TOPS: Abo 9126, Wolfcamp 9693, Strawn
10,897, Mississippian Lime 11,371, Woodford
Shale 12,115, Devonian 12,204
LOGS RUN: GRL, CDL, CNL, CAL, DLL, MLAT,
CCL, MSFL
7-13-85 Rig Released 5-10-85 7-2-18 NM
COMPLETION ISSUED IC 30-025-70107-85