

(71) Petroleum Information.

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COUNTY	LEA	FIELD	Langlie-Mattix	STATE	NM
OPR	MOBIL PRODUCING TX. & N.M., INC.			API	30-025-28013
NO	31	LEASE	Humphrey (Queen) Unit	MAP	
	Sec 3, T25S, R37E			CO-ORD	
	1300 FSL, 1750 FWL of Sec				3-4-39 NM
	4 mi NE/Jal			SPD	11-29-82 CMP 2-25-83

CSC 8 5/8-424-250 SX 5 1/2-3640-950 SX 2 7/8-3464	WELL CLASS: INIT IW FIN DO LSE CODE			
	FORMATION	DATUM	FORMATION	DATUM
	TD 3640 (GRBG)		PBD	3625

IP (Queen) Perfs 3418-3592 P 19 BOPD + 24 BW. Pot
based on 24 hr test. GOR 53; gty 33.4

CONTR	Verna #16	OPRS LLEV	3140 GL	sub-s	11
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F.R. 11-15-82
PD 3900 RT (Queen)
3-26-83 AMEND WELL NUMBER: Formerly #WI-31
12-2-82 Drlg 2385
12-21-82 TD 3640; WOCT
Cored (Queen) 3340-3400, rec 60 FT dolo,
sd & anhy w/minor bledg oil
Cored (Queen) 3400-60, rec 59 FT dolo &
sd w/mod bledg oil
Cored (Queen) 3460-3520, rec 60 FT dolo
w/scat show oil
Cored (Queen) 3520-80, rec 60 FT sd & dolo
w/NS
1-17-83 TD 3640; PBD 3625; Tstg
Perf (Penrose) 3550-54, 3560-62, 3568-72,
3582-92 w/1 SPF
Acid (3550-92) 2000 gals
3-4-39 NM

LEA

MOBIL PRODUCING TX.
& N.M., INC.

Langlie-Mattix

31 Humphrey (Queen) Unit
Sec 3, T25S, R37E

NM

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1-17-83 Continued
Frac (3550-92) 12,500 gals + 30,000# sd
Swbd 3 BO + 25 BW in 9 hrs 30 mins (3550-92)

1-24-83 TD 3640; PBD 3625; Tstg
Perf (Penrose) 3478-82, 3484-3514, 3520-26,
3530-36, 3538-40 w/1 SPF
Acid (3478-3540) 3900 gals
Swbd 5 BO + 15 BW in 6 hrs (3478-3540)

1-31-83 TD 3640; PBD 3625; SI
Frac (3478-3540) 25,000 gals + 60,000# sd
Swbd 2 BO + 17 BLW in 3 hrs 30 mins
(3478-3540)
Perf (Queen) 3418-22, 3424-36, 3438-48,
3452-66 w/1 SPF 3-4-39 NM

1-31-83 Continued
Acid (3418-66) 3300 gals
Frac (3418-66) 25,000 gals + 60,000# sd

3-21-83 TD 3640; PBD 3625; Complete
LOG TOPS: Yates 2640, Seven Rivers 2920,
Queen 3340
LOGS RUN: DILL, GRL, CNDL
Rig Released 12-10-82

3-26-83 COMPLETION ISSUED
3-4-39 NM
IC 30-025-70863-82

Mobil Producing Texas & New Mexico Inc.

January 6, 1983

NINE GREENWAY PLAZA—SUITE 2700
HOUSTON, TEXAS 77046

State of New Mexico
Energy and Minerals Dept.
Oil Conservation Division
P.O. Box 1980
Hobbs, New Mexico 88240

Attention Mr. Jerry Sexton

7.01
MOBIL PRODUCING TX. & N.M. INC.
HUMPHREY QUEEN UNIT, WELL #31
LANGLIE-MATTIX QUEEN POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Administrative Order NSL-1623 dated Nov. 17, 1982, approved the drilling of the subject well at an unorthodox location. Our application was made for an injection well; however, the order does not restrict it to this type of well.

Coring and logging data on this well indicates the possibility that it could make a good producer. Your permission is requested to swab test this well to determine its producing capabilities. If the tests indicate a well capable of producing around 100 BOPD, we will want to produce the well for the present time and convert it to injection at a later date. We assume that an amended application will need to be filed, but this matter will be discussed with your Santa Fe office.

Yours truly,



ADBond/ec

J.A. Morris
Regulatory Engineering Supervisor