

COUNTY	LEA	FIELD	Vacuum	STATE	NM
OPR	SOCONY MOBIL OIL COMPANY, INC.				MAP
1 State "DD"					
Sec. 31, T-17-S, R-35-E					
510' fr N Line & 535' fr W Line of Sec.					
Spud 10-4-64					
Comp 12-18-64				CLASS	EL 3998
CSG & SX - TUBING		LOG:	FORMATION	DATUM	FORMATION
			Rust 1153		
			Yates 2795		
			Queen 3696		
			SA 4358		
			Glor 5900		
			Yeso 6007		
			Abo 8022		
LOGS EL GR RA IND HC A			TD 10553', PBD 9390'		

IP Abo Perfs 9287-9320' Pmpd 244 BOPD + 125 BW. Pot. Based on 24 hr test, gravity 39.4, GOR 914.

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CONT. Marcum Drlg. Co. PROP DEPTH 11,000' TYPE
DATE

F.R. 10-8-64
PD 11,000' - Pennsylvanian
Contractor - Marcum Drlg. Co.
10-12-64 Drlg. 4014'.
10-19-64 TD 5000', prep to run casing.
10-26-64 Drlg. 7542'.
11-2-64 Drlg. 8563'.
11-9-64 Drlg. 9547'.
DST (Abo) 9214-9310', open 1 hr 5 mins,
GTS 9 mins @ TSTM,
Rec 450' HGCM, 840' free oil (gravity 41.5),
+ 520' salt wtr,
1 hr ISIP 3068#, FP 231-625#,
2 hr FSIP 3045#.
11-16-64 TD 10202', prep to DST.
11-23-64 TD 10553', MORT.
DST (Pennsylvanian) 10102-202', open 1 hr 3 mins,
Rec 500' gas in DP + 406' Drlg. Fluid w/tr. oil,
FP 115-236#, FSIP 2795#.

11-27-64 TD 10553', PBD 10535', prep to plug back.
Perf @ 10050' & squeezed w/25 sx.
Perf (Lower Pennsylvanian) @ 10497', 10499',
10501', 10505', 10514', 10516', 10519',
10521' W/1 SPI
Ac. 1000 gals.
Swbd 53 BLO + 22 BAW/6 hrs.
12-7-64 TD 10553', PBD 10239', swbg load.
Swbd 2 BLO + 1 BAW in 2 hrs & swbd dry
from perfs 10497-521'.
Set BP @ 10250', PB to 10239'
Perf @ 10088', 10090', 10092', 10095',
10097', 10099', 10169', 10171', 10173',
10175' W/1 SPI
Ac. 2500 gals.

Swbd & Flwd 50 BAW, 45 BLO + 182 BNO in 39
hrs.
Re-Ac. 5000 gals. 10088-175'
Swbd 22 BNO, w/tr. Acid Wtr in 4½ hrs.
Perf @ 10108', 10115', 10117', 10119',
10123', 10125', 10127', 10139', 10141',
10143', 10151', 10153', 10159', 10161',
10163' W/1 SPI
Re-Ac. 1000 gals.
Frac 25,000 gals brine wtr + sd. (10088-175')
Swbd & flwd 213 BLW in 28 hrs (-581 BLW).
12-14-64 TD 10553', PBD 10033', swbg Wolfcamp.
Swbd 11 BNO + 47 BLW in 22 hrs (-277 BLW)
from perfs 10088-175'.
Set BP @ 10043', PB to 10033'

12-14-64 - cont. -
Perf (Wolfcamp) @ 9875', 9877', 9879', 9899',
9901', 9903', 9905', 9907', 9954', 9956',
9958', 9960', 9989', 9993', 10015', 10017',
10019' W/1 SPI
Ac. 5000 gals.
Swbd 37 BLO, 120 BAW + 28 B Salt Wtr in 24 hrs.
12-21-64 TD 10553', PBD 9390', tstg.
Swbd 3 BNO + 9 B Salt Wtr in 3 hrs 9875-10019'.
Set CIBP @ 9400', PB to 9390'
Perf (Abo) @ 9287', 9289', 9291', 9300',
9302', 9304', 9306', 9310', 9312', 9314',
9316', 9318', 9320' W/1 SPI
Ac. 3000 gals. 9287-9320'
Swbd & Flwd 145 BLO, 165 BNO + 72 BAW & 125

Bbls salt wtr in 56 hrs.
1-4-65 TD 10553', PBD 9390', tstg on pump
Pmpd 130 BLO + 8 B Salt Wtr in 20 hrs.
1-11-65 TD 10553', PBD 9390', COMPLETED.
LOG TOPS: Wolfcamp 9322', Base Wolfcamp
10036', Pennsylvanian 10427'.