

Socony Mobil Oil Company, Inc.

State Bridges #13, Unit E
Sec. 25, T-17S, R-34E,
Lea County, New Mexico

Ran drill pipe open ended to 4665', Halliburton cement open hole w/200 sx Incon neat w/1/4# Floseal/sx. WOC 24 hrs. Drilled cement 3595-4565. Pulled drill pipe & bit. Ran drill pipe open ended to 4565'. Halliburton cement 4200-4565 w/100 sx neat cement + 10% 20-40 Frac sand. WOC 14 hrs. Tagged top cement @ 4188. Drilled cement 4220-4595'. Pulled drill pipe & bit. Ran drill pipe to 4595'. Halliburton cemented w/100 sx Incon neat cement + 10% Frac sand. Pulled drill pipe to 4250', rev. 20 sx. WOC 26 hrs. Ran 4 3/4" OD core bbl. stab. w/6 3/16" ribs., 6 3/16" core head. Cored cement 4280-4342, cored cement 4342-4579. Twisted off @ 4519'. Ran OS, recovered core bbl. Cored 4579-4627. Jars twisted off. Fished & rec. core bbl. & jars. Cored 4627-4694. Drilled 6 1/2" hole 4694-5025. Fished & rec. 2-4 3/4" drill collars, bit & Totco. Drilled 6 1/2" hole 5025-6800' TD. PGAC ran GR-Sonic, laterlog 4197-6798. Ran 2781' of 15# J-55 5" liner to 6800', top of liner @ 4019'. Cemented w/225 sx Incon 4% Gel + 75 sx Incon neat cement. WOC 18 hrs. Tested top of liner w/1500# for 30 mins. Tested OK. Drilled cement to 6750'. Released Dale Mount Drgl Co. 6 AM 12/28/62. Moved in & rigged up J. P. (Bum) Gibbins pulling unit. Displace water to oil. Frontier ran Bond & Isotron log 4200-6745. Frontier perf. 5" liner in Paddeok formation 6400, 6405, 6413, 6423, 6429, 6432, 6439, 6445, 6450, 6469, 6474, 6478, 6482, 6486, 6492, 6495, 6507, 6510, 6532, 6538, 6544 w/1 jet shot/ft. Ran 2 3/8" tbg. w/Guib. pkr., tbg. @ 6547, pkr. @ 6349'. Swab 28 BLO in 4 hrs. swab dry. Cardinal Chemical Co. acidized perfs. 6400-6544 w/1000 gals 15% acid. Brk. dwn pr. 3900, trt. pr. 3200-3800. Rate 2.4 BPM. ISIP 3200#. Swab 28 BLO + 3 BNO + 24 BAW in 4 hrs. Swab dry. Pulled 2 3/8" tbg., pkr. Ran 4 1/2" tbg. w/Guib. pkr., set in liner @ 4031. Cardinal Chemical Co. sand oil frac perfs. 6400-6544 w/15,000 gals refined oil + 30,000# 20-40 sand + 1/40# gal Addomite + 14 RCN ball sealers. Brk. dwn pr. 4900#, trt. pr. 4700-5300#. Rate 25.1 BPM. ISIP 3300#, 10 min SIP 3000#. SI 4 hrs. TP 2600#. Flow 135 BLO in 6 hrs. TP 2600-0. Pulled 4 1/2" tbg. Ran 2 3/8" tbg. to 6522 w/pkr. @ 6354, seating nipple @ 6522. Flowed 40 BLO w/running tbg. Flow 235 BLO in 17 hrs. Set blanking plug & installed Xmas tree. Released pulling unit 12 noon 1/3/63. Flow 133 BLO + 127 BNO in 14 hrs. On NMOC potential test flowed 384 BNO & no wtr. in 24 hrs. 21/64" ch. GOR 1815, Gty. 36.3 @ 60°. TP 760#. Completed 1/3/63.

CORE RECORD

Date	From	To	Formation	Remarks
11/29	4280	4342	-	Rec. 25' cement
11/30	4342	4462	-	Rec. 25' cement
12/1	4462	4519	-	
12/2	4519	4579	-	Rec. 50' cement
12/3	4579	4627	-	Rec. 16' cement & 3' lime
12/6	4627	4694	-	Rec. 10' hard lime

