

DAILY DRILLING REPORT

Bridges State #164

BRIDGES STATE #164, 660' FNL & 1980' FEL Sec 15, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo producer. AFE 1127 - Mobil Intr 100% - Est Cost \$133,000.

8/24/71 Marcum Drlg Co MIT, 90% RU.

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8/25 (1) 250 ND red bed, WOC on 12-3/4 csg in 17 1/2" hole, 1/4 @ 250, Marcum Drlg Co spud in 9:30 a.m. 8/24/71, ran 6 jts 250' 12-3/4 38.0# csg cmtd on bottom @ 250 by Dowell w/ 400x Class H cmt w/ 2% CaCl, PD 2:15 p.m. 8/24/71, cmt circ, then fillback, WOC 2-3/4 hrs, then Dowell filled backside of csg w/ 50x reg Neat cmt, prep to drill 11" hole.

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8/26 (2) 1831 drlg anhy, 11" hole, 3/4 @ 1775, Br Wtr. WOC total 24-3/4 hrs.

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8/27 (3) 3100 ND anhy, 11" hole, 1° @ 2595. Br Wtr. LD DP past 1/4 hr, prep to run 8-5/8 csg.

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8/28 (4) 3100 ND, WOC 8-5/8 csg, finish LD DP & DC's, ran 77 jts 3100' 8-5/8 OD L. B. Foster 28.0# ST&C csg cmtd on bottom @ 3100 by Dowell w/ 1200x TLLW + 7 1/2# salt/x + 200x Class C cmt w/ 2.6# salt/x, PD @ 3:00 p.m. 8/27/71, cmt circ, prep to drill 7-7/8" hole.

8/29 (5) 3600 drlg 1m, 7-7/8" hole, NND, Fr Wtr. WOC total 18 hrs, test csg & BOP's 1000#/ok, ran bit, drld 3', bit locked, POH, indicated bit running on junk, ran 7" magnetic bskt, no rec, ran 7-3/4 OD Globe bskt, cut 2' core 3103-3105, POH, rec 2' of core, bleeding oil, no iron on junk.

8/30 (6) 3885 drlg 1m, 7-7/8" hole, 3/4 @ 3775. Fr Wtr.

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8/31 (7) 4540 drlg 1m 7-7/8" hole, NND. Fr Wtr.

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9/1 (8) 4808 drlg 1m, 7-7/8" hole, 1 @ 4575. Fr Wtr.

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9/2 (9) 5100 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

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9/3 (10) 5462 drlg 1m, 7-7/8" hole, 3/4 @ 5200. Fr. Wtr.

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 9/4 (11) 5980 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

9/5 (12) 6702 drlg 1m 7-7/8" hole,
 3/4 @ 6000. Fr. Wtr.

9/7 (14) 7000 drlg 1m 7-7/8" hole,
 1 1/4 @ 6900. Fr. Wtr.

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 9/8 (15) 7235 drlg 1m 7-7/8" hole,
 1° @ 7190. Fr. Wtr.

BRIDGES STATE #164
 9/9 (16) 7511 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

BRIDGES STATE #164
 9/10 (17) 7650 drlg 1m 7-7/8" hole,
 3/4° @ 7580. Fr. Wtr.

BRIDGES STATE #164
 9/11 (18) 7870 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

9/13 (20) 8040 drlg 1m, 7-7/8" hole, NND. Fr Wtr.
 Down 21 1/2 hrs for rig repairs.

BRIDGES STATE #164
 9/14 (21) 8269 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

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 9/15 (22) 8486 drlg 1m, 7-7/8" hole, NND, Fr Wtr.

BRIDGES STATE #164
 9/16 (23) 8679 drlg 1m, 7-7/8" hole, 1/2 @ 8640, 9.8-34-30.

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 9/17 (24) 8800 drlg 1m, 7-7/8" hole, NND. 9.6-40-18.0.

BRIDGES STATE #164
 9/18 (25) 8850 TD 1m, 7-7/8" hole, 1/2 @ 8850, 9.5-37-19.0.
 circ 2 1/2 hrs, P & LD DP DC's & bit, Schl ran SW1&GR
 logs 0-8850 Schl meas/5 1/2 hrs, now running 5 1/2 csg.

9/19 8850 TD, WOC on 5 1/2 csg, ran 27 jts 8850' 17.0# & 15.50#
 J-55 ST&C & LT&C used csg 6000' 17.0# on bottom 15.50#
 to surf, cmtd on bottom by Dowell w/ 2100x TLLV containing
 1/4# Flocele in 1st 1000x + 200x Class C Neat cmt, PD 2:45
 p.m. 9/18/71, cmt circ, RD & Rel Marcum Drlg Co rig @
 5:45 p.m. 9/18/71, prep to MOT.

9/20 MOT, set unit anchors, prep to compl.

BRIDGES STATE #164, 8850 TD.
 9/21 MIRU Lohmann Well Serv unit, inst'l BOP, ran 4-3/4
 bit, 5 1/2 csg scraper on 2-3/8 tbg to 8802, test 5 1/2 csg
 1500#/ok, displ hole w/ lse oil, spot 500 gals 15% NE
 acid on bottom, pull bit to 8000, SD for nite.

BRIDGES STATE #164, 8850 TD.

9/22 Finish POH w/ bit, Schl ran GR-Collar-Corr log from 8400-8790, then perf 5½ csg in the Abo @ 8677; 78; 8710; 21; 22; 31; 32; 33; & 8734 w/ 2 JSPF, total 18 holes, ran Baker Model R pkr on 2-3/8 tbq to 8000, Western Co displ 500 gals acid into form, BDTP 3650, TTP 4150, AIR 2.9 BPM, ISIP 3350, 5 min 2300, reset pkr @ 8617, then sw 32 BLO/2½ hrs, 200' FIH, sl sh of gas, Western Co acidized perfs w/ 10,000 gals 15% NE acid containing 5# FR/1000 gals using 18 RCNB sealers, TTP 4800-4950, AIR 6.1 BPM, ISIP 3950, 10 min 3750, job compl 6:00 p.m. 9/21/71, S 40 BLO + 60 BNO + 49 BAW/12 hrs, 1 hr S 13 bbls, S/O 70% oil, 6000' scattered FIH, fr sh of gas, cont to sw test. - 203 BAW.

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9/23 S 89 BNO + 24 BAW/11 hrs, 1 hr S 9 bbls fluid, S/O 98% oil, gd sh gas, prep POP. - 179 BAW.

BRIDGES STATE #164, 8850 TD.

9/24 POH w/ tbq & pkr, ran 2-3/8 prod tbq, OP to 8794, T. Perfs 8761-8764, SN @ 8760, 4 jts of 2-3/8 tbq, Baker TA catcher set @ 8634 w/ 21,000# T, 211 jts 2-3/8 tbq, 64 jts 2-7/8 tbq 2007, remove BOP, inst'l wellhead, unload rods, SD for nite, prep to run pump & rods.

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9/25 Ran pump & rods to 8760, spaced out, RD, Rel unit & Rel well to Prod @ 4:00 p.m. 9/24/71. - 160 BLO + 179 BAW.

9/26 P 160 BLO + 120 BNO + 15 BLW/20 hrs. - 164 BLW.

9/27 P 245 BNO + 10 BLW/24 hrs. - 154 BLW.

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9/28 P 162 BNO + 6 BLW/24 hrs. - 148 BLW.

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9/29/71 NM OCC POT TEST: P 140 BNO + 6 BLW/24 hrs, 10 x 1½ x
POTENTIAL 100 SPM, GOR 1240/1, Grav 37.3 @ 60, Allow 140, Top
Fld 334, Cap 140, Compl 9/21/71.
FINAL REPORT.