

DAILY DRILLING REPORT

Bridges State #166

BRIDGES STATE #166, 460' FEL & 1980' FNL Sec 10, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete a single Abo producer. AFE 1128 - Mobil Intr 100% - Est Cost \$133,000.

7/17/71 Marcum Drlg Co MIT, 50% RU.

7/18 (1) 1854 drlg red bed & anhy, 12¼" hole, Native Mud & SW. 1¼ @ 1395, Marcum Drlg Co spud in @ 2:15 p.m. 7/17/71.

7/19 (2) 3046 drlg anhy & lm, 11" hole, ¼ @ 2865. Br Wtr.

BRIDGES STATE #166

7/20 (3) 3075 ND anhy, WOC on 8-5/8 csg, finish hole, circ 1 hr, P & LD DP & DC's, ran 77 jts 3075' 8-5/8 OD 28# H-40 ST&C csg, Howco cmtd w/ 2000x TLLW containing 7½# salt/x + 200x Class C Neat containing 2.6# salt/x, PD @ 5:45 p.m. 7/19/71, cmt circ, WOC.

BRIDGES STATE #166

7/21 (4) 3775 drlg lm, 7-7/8" hole, NND. Fr Wtr.
WOC 18 hrs, test 8-5/8 csg & BOP's 1000#/ok.

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7/22 (5) 4318 drlg lm, 7-7/8" hole, ¼ @ 3995. Fr Wtr.

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7/23 (6) 4711 drlg lm, 7-7/8" hole, ½ @ 4690. Fr Wtr.

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7/24 (7) 5025 drlg lm, 7-7/8" hole, NND. Fr Wtr.

7/26 (9) 5817 drlg lm, 7-7/8" hole, 1° @ 5028. Fr Wtr.

BRIDGES STATE #166

7/27 (10) 6285 drlg lm, 7-7/8" hole, 3/4 @ 6010. Fr Wtr.

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7/28 (11) 6649 drlg lm, 7-7/8" hole, NND. Fr Wtr.

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7/29 (12) 6888 drlg lm, 7-7/8" hole, 1° @ 6863. Fr Wtr.

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7/30 (13) 7230 drlg lm, 7-7/8" hole, NND. Fr Wtr.

BRIDGES STATE #166

7/31 (14) 7528 drlg lm, 7-7/8" hole, NND. Fr Wtr.

8/2 (16) 8080 drlg lm, 7-7/8" hole, 3/4 @ 7688. Fr Wtr.

BRIDGES STATE #166

8/3 (17) 8345 drlg lm, 7-7/8" hole, 1° @ 8174. Fr Wtr.

BRIDGES STATE #166

8/4 (18) 8588 drlg lm, 7-7/8" hole, NND. 8.9-38-28.

- BRIDGES STATE #166
8/5 (19) 8745 drlg 1m, 7-7/8" hole, 8.9-38-22.
1/2 @ 8690.
- BRIDGES STATE #166
8/6 (20) 8850 TD 1m, 7-7/8" hole, NND, 9.5-36-17.4.
circ 2 hrs, now P & LD DP to run logs and csg.
- BRIDGES STATE #166, 8850 TD.
8/7 WOC on 5 1/2 csg, finish LD DP & DC's, Dresser-Atlas ran GR 0-8855, logger's TD, SWN 3075-8855 and Lateralog 3075-8853/5 1/2 hrs, ran 267 jts 5 1/2 OD 17.0# & 15.5# LT&C & ST&C used csg cmt'd on bottom @ 8850 by Howco w/ 2900x TLLW w/ 1/4# Flocele in 1st 1000x + 200x Class C Neat, PD @ 1:45 a.m. 8/7/71, cmt circ, set slips, cut off csg, RD & Rel Marcum Drlg Co rig 4:45 a.m. 8/7/71, prep to MOT.
- 8/9 MOT, inst'l unit anchors, prep to MI unit to compl.
- BRIDGES STATE #166, 8850 TD.
8/10 MIRU DA&S Well Serv DD unit, inst'l BOP, ran 4-3/4 bit 5 1/2 csg scraper on 2-3/8 tbg to 8797, SD for nite.
- BRIDGES STATE #166, 8850 TD.
8/11 Test 5 1/2 csg w/ 1500#/ok, displ wtr w/ lse oil, Runco spotted 500 gals 15% NE acid on bottom, POH w/ tbg & bit Dresser-Atlas ran GR-Collar-Corr log from 8500-8802 PBTD, then perf 5 1/2 csg in the Abo @ 8628; 32; 39; 40; 41; 61; 63; 65; 67; 69; 71; 73; 77; 83; 84; 92; 93; 8715; 24; 25; 34; 43; 45; 59; 62; 79; 80; & 8781 w/ 1 JSPF, total of 28 holes, ran Baker Model R pkr on 2-3/8 tbg, set @ 8022, Runco displ acid into form, BDTP 3800, TTP 3900, AIR 2.0 BPM, ISIP 3400, 5 min 1200, job compl @ 6:30 p.m. 8/10/71, SI & SD for nite, prep to sw test perfs 8715-8781.
- BRIDGES STATE #166, 8850 TD.
8/12 Reset pkr @ 8704 from Abo perfs 8715-8781, S 34 BLO/3 hrs, sw dry/1 hr, reset pkr @ 8566, Runco acidized Abo perfs 8628-8781 w/ 10,000 gals 15% NE acid containing 5#/1000 gals friction reducer using 28 RCNB sealers, TTP 3900-5000, AIR 5.1 BPM, ISIP 3600, 10 min 2000, job compl 5:25 p.m. 8/11/71, S 44 BLO + 56 BNO + 60 BAW, L hr sw 12 bbls, S/O 95% AW, cont to sw test. - 192 BAW.
- BRIDGES STATE #166, 8850 TD.
8/13 S 156 BNO + 55 BAW/24 hrs, 5500' FIH, gd sh of gas, L hr S 5 bbls, S/O 5% AW. - 137 BAW.
- BRIDGES STATE #166, 8850 TD.
8/14 S 50 BNO + 5 BAW/4 hrs, 3000' FIH, fr sh of gas, L hr S 15 bbls, S/O 10% AW, unseat pkr, POH, now running prod tbg.
- 8/16 Ran 2-3/8 tbg, OP to 8802, T. Perfs 8784-8788, SN @ 8783, Guib TA catcher set @ 8381 w/ 15,000# T, 2-7/8 tbg 0-2022, remove BOP, inst'l wellhead, ran pump & rods to 8783, spaced out, hung on pump, RD, Rel unit & Rel to Prod @ 2:30 p.m. 8/15/71. - 156 BLO + 132 BAW.
- 8/16 P 37 BLO + 0 BW, unit SD during nite, will rebalance. - 119 BLO + 132 BAW.

BRIDGES STATE #166, 8850 TD.
8/17 P 117 BLO + 132 BAW + 19 bbls form wtr/24 hrs.
-2 BLO & All AW Rec.

BRIDGES STATE #166, 8850 TD.
8/18 P 2 BLO + 26 BNO + 14 BFW/6 hrs. All LO Rec.
Started NM OCC Pot test.

BRIDGES STATE #166, 8850 TD.
8/19 P 109 BNO + 29 bbls form wtr/17 hrs, pump stuck, RU
pulling unit.

BRIDGES STATE #166, 8850 TD.
8/20 P 161 BNO + 63 BFW/20 hrs.

BRIDGES STATE #166, 8850 TD.
8/23/71 NM OCC POT: P 202 BNO + 51 BSW/24 hrs, 10 x 1¼ x 120"
POTENTIAL SPM, GOR 554/1, Grav 36.4 @ 60, Allow 202 nonprorated,
Top 334, Cap 202. Compl 8/11/71.
FINAL REPORT.