

DAILY DRILLING REPORT

Bridges State #150

BRIDGES STATE #150, 660' FSL & 1780' FWL, Sec 12, T-17S, R-34E, Lea County, New Mexico, OBJECTIVE: Drill and complete single Abo producer - AFE #0157 - MOBIL INT. 100% - EST. COST \$117,000.

1/11/71 (1) 1712 drlg anhy 12 $\frac{1}{2}$ " hole, 3/4 $^{\circ}$ 1612
Marcum Drlg Co spud in at 1:30 p.m. 1-10-71.

S. Mud.

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1/12 (2) 1740 ND anhy, WOC on 8-5/8 csg, ran 43 jts 1740' 8-5/8 23.0# J-55 csg cemented on bottom @ 1740 by BJ Serv w/ 800x Class H 8% gel + 200x Class H Neat, all cement contained 2% CaCl, PD @ 2:45 p.m. 1/11/71, cement circ, WOC.

BRIDGES STATE #150

1/13 (3) 3305 drlg anhy & 1m 7-7/8" hole Br. Wtr
1 $^{\circ}$ 3305, WOC 18 hrs, test 8-5/8" csg 1000# 30 min, ok.

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1/14 (4) 3944 drlg 1m 7-7/8" hole 1 $^{\circ}$ 3305

Br. Wtr.

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1/15 (5) 4412 drlg 1m 7-7/8" hole 1 $^{\circ}$ 4412 Br. Wtr.
POH to change bits, started in hole w/ new bit, stopped in 8-5/8" csg @ 1615.

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1/16 (6) 4726 drlg 1m, 7-7/8" hole, NND. Br Wtr.
Ran bottom DC thru bad place in 8-5/8 csg @ 1615, reamed out bad place w/ string reamer, POH, ran 7-7/8 bit w/ bit guide, did not fill bad place w/ bit, indications are that csg is parted @ 1615.

1/18 (8) 5250 drlg 1m, 7-7/8" hole, $\frac{1}{2}$ @ 4848. Br Wtr.

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1/19 (9) 5611 drlg 1m, 7-7/8" hole, 3/4 @ 5420. Br Wtr.

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1/20 (10) 6115 drlg 1m, 7-7/8" hole, 3/4 @ 6025. Br Wtr.

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1/21 (11) 6556 drlg 1m, 7-7/8" hole, NND. Br Wtr.

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1/22 (12) 6827 drlg 1m, 7-7/8" hole, 1 $\frac{1}{2}$ @ 6601. Br Wtr.

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1/23 (13) 7120 drlg 1m 7-7/8" hole, NND. Br. Wtr.

1/25 (15) 7669 drlg 1m 7-7/8" hole, Br. Wtr.
1 $\frac{1}{2}$ $^{\circ}$ @ 7520.

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1/26 (16) 7960 drlg 1m 7-7/8" hole, NND. Br. Wtr.

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1/27 (17) 8182 drlg lm 7-7/8" hole 1/2" 8140. Br. Wtr.

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1/28 (18) 8460 drlg lm 7-7/8" hole, NND. Br. Wtr.

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1/29 (19) 8700 TD lm 7-7/8" hole, NND. 10.0-34-22.0.
Finish hole @ 4:00 a.m. 1-29-71, circ past 2 hrs, prep to run
5 1/2" csg.

BRIDGES STATE #150, 8700 TD.

1/30 WOC 5 1/2" csg, P & LD DP & DC's, Ran 237 jts 8700' 17.0# &
15.50# J-55 5 1/2" csg cemented on bottom @ 8700 by BJ Serv w/ 2900x
TLLW w/ 1/4" Flocele in 1st 1000x + 200x Incor Neat, PD @ 7:15 p.m.
1/29/71, cement did not circ, Worth Well now running Temp Survey,
Rel Marcum Drlg Co rig @ 10:15 p.m. 1/29/71.

1/31 8700 TD.
Worth Well ran Temp Survey, top of cement @ 2720, MORT, prep
to MI unit to compl.

2/1 Dresser-Atlas ran GR-S-Collar-Corr log from 3800-4200; 4600-4900;
& 8000-8656, prep to MI unit to compl.

BRIDGES STATE #150, 8700 TD

2/2 MIRU Baber Well Ser DD Unit, run 4-3/4" bit & 5 1/2" csg scraper on 2-3/8"
tbg, SD for nite.

BRIDGES STATE #150, 8700 TD

2/3 FIH w/ bit to 8665 PBTD, Astro Services displace wtr to oil,
spot 500 gals 15% NE acid on bottom, POH, Dresser Atlas perf
Abo zone 8531, 39, 41, 43, 45, 47, 49, 71, 73, 75, 77, 79, 81,
83, 85, 87, 89 & 8593 w/ 1 sh/interval, ran Baker 5 1/2" ret-matic
pkr to 8008, displace acid into form, TTP 3600-3800 @ 3 BPM,
ISIP 3200, 5 min 900, job compl @ 4:30 p.m. 2-2-71, reset pkr
at 8476, SD for nite.

BRIDGES STATE #150, 8700 TD

2/4 Sw 35 BLO in 6 hrs, L hr sw 2 bbls, S.O 100% oil, 400' FIH,
no sh of gas, Astro Services acidized Abo perfs w/ 10,000
gals 15% NE acid containing 5#/1000 gals FR using 18 RCNB
sealers, TTP 3500-4200, AIR 5.2, ISIP 3100#, 10 min 1500#,
job compl @ 2:30 p.m. 2-3-71, sw 42 BLO + 38 BNO + 80 BAW/
14 hrs, L hr, FL 10 bbls by heads on open ck, S/O 54% oil,
cont to test. -160 BAW.

BRIDGES STATE #150, 8700 TD.

2/5 S & F 235 BNO + 38 BAW/22 hrs, L hr F 15 bbls on 28/64 ck,
TP 150, S/O 80% oil, cont to test. - 122 BAW.

BRIDGES STATE #150, 8700 TD.

2/6 F 25 BNO & no wtr/2 hrs on 32/64 ck, TP 125, RD & Rel Baber
Well Serv. unit @ 12:00 noon 2/5/71, Rel to Prod temp for testing.
- 122 BAW.

2/6 F 105 BNO + 3 BAW/24 hrs, 24/64 ck, TP 30, died, prep to swab.
- 119 BAW.

2/7 S & F 100 BNO + 4 BAW/24 hrs, 28/64 ck, TP 40. - 115 BAW.
Prep to take NM OCC Pot Test.

BRIDGES STATE #150, 8700 TD.

2/9/71 NM OCC POT TEST: F95 BNO + 1 BAW/24 hrs on 28/64 ck, GOR 789/1,
POTENTIAL Grav 38.5 @ 60, Allow 95 BOPD nonprorated, Top 358 BOPD, Cap 95
BOPD, 2" tbg, TP 40, Gas Grav 0.911. Compl 2/3/71.
(Commence of flow rate test for taking PVT sample).
FINAL REPORT.