

Bridges State #158

- 3/29 (29) 4129 ND 1m, 12 $\frac{1}{4}$ " hole. 10.0-43-7.0.
Ran 12 $\frac{1}{4}$ " bit to 4105, hit junk (one cone off 12 $\frac{1}{4}$ " bit and 5 - 6' spud bars lost in hole by Dia-Log), cond hole on top of junk, POH w/ bit, ran 11 $\frac{1}{2}$ " Globe bskt on one jt 9-5/8 WP, milled from 4105-4107/5 hrs, POH, no rec, ran 12" flat bottom mill, milled from 4107-4111/7 $\frac{1}{2}$ hrs, POH, rerun Globe bskt on 9-5/8 WP to 4111, milled 3 $\frac{1}{2}$ hrs, POH, no rec, McCullough Tool Co ran junk shot to 4111, ran 12" magnetic bskt on DC's & DP to 4112, now POH w/ bskt.
- BRIDGES STATE #158
- 3/30 (30) 4129 ND 1m, fishing past 24 hrs. 10.0-41-8.5.
Ran 11" magnetic bskt 5 runs to 4112, fished & rec 1 - 17" & 1 - 14" piece of spud bars & part of cone, ran 11-3/4 OD flat bottom mill, milled from 4112-4114/2 $\frac{1}{2}$ hrs.
- BRIDGES STATE #158
- 3/31 (31) 4129 ND 1m, fishing past 24 hrs. 10.2-40-7.0, 4% oil.
POH w/ 11-3/4 mill, ran Globe bskt w/ 11-3/4 mill on one jt 9-5/8 WP, milled from 4114-4115/1' - 6 hrs, POH, rec form, no iron, ran 12 $\frac{1}{4}$ bit, drld on junk @ 4115/4-3/4 hrs, POH, ran 11" magnetic bskt 2 runs, rec approx 20# junk, now rerunning bskt.
- BRIDGES STATE #158
- 4/1 (32) 4195 drlg 1m, 12 $\frac{1}{4}$ " hole, NND. 10.3-41-7.0.
Ran magnetic bskt 3 runs, rec approx 20# junk.
- BRIDGES STATE #158
- 4/2 (33) 4345 drlg 1m, 12 $\frac{1}{4}$ " hole, NND. 10.2-35-8.0.
- BRIDGES STATE #158
- 4/3 (34) 4495 drlg 1m, 12 $\frac{1}{4}$ " hole, NND. 10.2-36-NC.
- 4/5 (36) 4709 drlg 1m, 12 $\frac{1}{4}$ " hole, NND. 10.0-35-NC, 6% oil.
- BRIDGES STATE #158
- 4/6 (37) 4793 drlg 1m, 12 $\frac{1}{4}$ " hole, 10.0-35-NC, 6% oil.
 $\frac{1}{4}$ @ 4740.
- BRIDGES STATE #158
- 4/7 (38) 4904 drlg 1m, 12 $\frac{1}{4}$ " hole, NND. 10.2-35-NC, 5% oil.
- BRIDGES STATE #158
- 4/8 (39) 4945 drlg 1m, 12 $\frac{1}{4}$ " hole, NND. 10.2-37-NC, 5% oil.
Down 14 hrs for rig repair.
- BRIDGES STATE #158
- 4/9 (40) 5000 ND 1m, 12 $\frac{1}{4}$ " hole, $\frac{1}{2}$ @ 5000, 10.2-36-NC, 5% oil.
circ hole 1 hr, LD DP, RU & ran 122 jts LT&C 40# 9-5/8 S-90 csg to 5000, prep to cement.
- 4/10 (41) 5000 ND 1m, 12 $\frac{1}{4}$ " hole, WOC on 9-5/8 csg, Howco cemented w/ 3400x Class H cement containing 6% gel, first 300x $\frac{1}{4}$ # floseal per sx, bottom 200x Incor Neat cement circ, PD @ 8:30 a.m. 4/9/71, attempt to set slips, cement slightly set up, drill and wash cement out between 9-5/8 & 13-3/8 csg to 20' w/ 1" pipe, now NU.

- 4/12 (43) 5260 drlg lm, 8-3/4" hole, NND. Fr Wtr.
Finish inst'l BOP's, test all BOP's 5000#/ok, test 9-5/8
csg 3000#/ok.
- BRIDGES STATE #158
- 4/13 (44) 5639 drlg lm, 8-3/4" hole, 1/2 @ 5629. Fr Wtr.
- BRIDGES STATE #158
- 4/14 (45) 6114 drlg lm, 8-3/4" hole, NND. Fr Wtr.
- BRIDGES STATE #158
- 4/15 (46) 6502 drlg lm, 8-3/4" hole, 1° @ 6502. Fr Wtr.
- BRIDGES STATE #158
- 4/16 (47) 6812 drlg lm, 8-3/4" hole, NND. Fr Wtr.
- BRIDGES STATE #158
- 4/17 (48) 7214 drlg lm, 8-3/4" hole, 1 1/4 @ 7000. Fr Wtr.
- 4/19 (50) 7768 drlg lm, 8-3/4" hole, NND. Fr Wtr.
- BRIDGES STATE #158
- 4/20 (51) 8006 drlg lm, 8-3/4" hole, 1/2 @ 7918. Fr Wtr.
- BRIDGES STATE #158
- 4/21 (52) 8227 drlg lm, 8-3/4" hole, 1/2 @ 8127. Fr Wtr.
- BRIDGES STATE #158
- 4/22 (53) 8545 drlg lm, 8-3/4" hole, NND. Fr Wtr.
- BRIDGES STATE #158
- 4/23 (54) 8632, POH w/ Core #1, 8-11/16" hole from 8577, Fr Wtr.
1/2 @ 8577, circ 2 hrs, POH, ran Christensen core bbl, cut
Core #1 in Abo 8577-8632, 55', now pulling core.
- BRIDGES STATE #158
- 4/24 (55) 8785 drlg lm, 8-3/4" hole, NND. Fr Wtr.
Core #1, Abo, 8577-8632, cut 55', rec 47',
8577-8589, 12', gd sh of oil,
8589-8605, 16', fr sh of oil,
8605-8624, 19', poor sh of oil.
- 4/26 (57) 9248 drlg lm & sh, 8-3/4" hole, 1 1/4 @ 9122. Fr Wtr.
- BRIDGES STATE #158
- 4/27 (58) 9530 drlg lm, 8-3/4" hole, 1 1/4 @ 9249. Fr Wtr.
- BRIDGES STATE #158
- 4/28 (59) 9905 drlg lm, 8-3/4" hole, 1 1/4 @ 9622. 8.6-37-11.8.
Mud up @ 9800.
- BRIDGES STATE #158
- 4/29 (60) 10,079 drlg lm & sh, 8-3/4" hole, 8.9-36-12.0.
3/4 @ 10,009.
- BRIDGES STATE #158
- 4/30 (61) 10,205 drlg lm & sh 8-3/4" hole, NND. 8.7-36-11.0.

BRIDGES STATE #158
5/1 (62) 10,365 drlg lm & sh, 8-3/4" hole, 9.0-35-11.
1/2 @ 10,292.

5/3 (64) 10,662 drlg lm & sh, 8-3/4" hole, NND. 9.2-36-10.2.

BRIDGES STATE #158
5/4 (65) 10,817 drlg lm & sh, 8-3/4" hole, NND. 11.0-37-10.

BRIDGES STATE #158
5/5 (66) 10,868 drlg lm & sh, 8-3/4" hole. 11.8-39-6.
1/2 @ 10,819.

BRIDGES STATE #158
5/6 (67) 10,972 drlg lm, 8-3/4" hole. 12.0-37-10.
3/4 @ 10,868, Yellow Jacket tested BOP 5000#/3 hrs.

BRIDGES STATE #158
5/7 (68) 11,025 drlg sh, 8-3/4" hole. 12.0-38-10.
3/4 @ 10,940.

BRIDGES STATE #158
5/8 (69) 11,108 drlg lm & sh, 8-3/4" hole, 12.0-38-11.
1/2 @ 11,042.

5/10 (71) 11,255 drlg lm & sh, 8-3/4" hole, 12.0-40-10.
NND.

BRIDGES STATE #158
5/11 (72) 11,388 drlg lm & sh, 8-3/4" hole, 12.0-39-10.0.
NND.

BRIDGES STATE #158
5/12 (73) 11,510 drlg lm & sh, 8-3/4" hole, 12.0-39-10.0.
NND.

BRIDGES STATE #158
5/13 (74) 11,655 drlg lm, 8-3/4" hole, NND. 12.0-38-10.0.

BRIDGES STATE #158
5/14 (75) 11,701 drlg sh 8-3/4" hole, 12.1-40-8.2.
3/4 @ 11,672.

BRIDGES STATE #158
5/15 (76) 11,767 drlg sh 8-3/4" hole, NND. 12.1-52-7.0.

5/17 11,802 TD, lm & ch 8-3/4" hole, 12.3-55-6.8.
3/4 @ 11,802, running 7" o.d. liner, finish hole, circ 3
hrs, POH, Schl ran dual IES, microlog, GR, SNP & caliper,
logs 5000-11,798, GR 0-5000 in total 15 hrs, ran bit to
bottom, circ 2 hrs, POH, LD, DC's & 220 jts DP, now
running liner.

BRIDGES STATE #158
5/18 11,802 TD lm & ch, WOC on 7" liner, ran 181 jts 7" 26#
S-95 liner to 11,800, top at 4314, Howco cemented w/ 1500
sx TLW and 200 sx Class H w/ 0.4% HR-4, PD 2:30 p.m.
5-17-71, rev off 250 sx, LD DP, rel Cactus Drlg Corp @
10:00 p.m. 5-17-71.

- BRIDGES STATE #158, 11,802 TD
- 5/19 MOT, MIPU X-Perf Well Ser DD Unit, instl bottom part of tree & BOP, SD for nite.
- BRIDGES STATE #158, 11,802 TD
- 5/20 Ran 6-1/8" bit & 7" csg scraper on 2-3/8" N-80 tbg to 11,743, test csg to 3500# ok, attempted to displ mud w/ fr wtr, tbg plugged, POH w/ 192 jts 2-3/8" tbg, SD for nite.
- BRIDGES STATE #158, 11,802 TD
- 5/21 Pull end of tbg to 4300', Howco circ mud out of hole w/ fr wtr, then circ out mud w/ wtr to 11,731, then displ wtr w/ Morrow lease oil, now POH, prep to run corr log & perf.
- BRIDGES STATE #158, 11,802 TD.
- 5/22 Finish POH, Schl ran GR-Collar-Corr log 8300-11,744, then set Baker 7" Model D pkr in 7" liner @ 11,300, ran 2-3/8 EUE 8rd N-80 tbg to 11,336 w/ Baker Type F SN w/ 1.78 ID @ 11,335, Baker latch-in seal assembly @ 11,300, 358 jts of tbg latched in 4000# T, inst'l Cameron tree, tested tbg to 6000# while running tested tree, SD for nite, prep to perf.
- 5/23 Schl perf 7" liner in the Morrow w/ thru tbg gun @ 11,370; 371; 372; 373; 374; 375; 452; 453; 454; 455; 456; 457; 458; 459; 461; 462; & 11,463 w/ 2 JSPP, total 34 holes, TP after perf 820#, F 50 BNO/3 hrs on 1" ck, TP zero, fl to pits 3 hrs on 1" ck, started making gas, SI 1 hr, TP 1600, connected well to test separator, TP 2500, fl 1 hr on 1" ck, TP 2500-400, SD for nite.
- 5/24 RD & Rel unit & Rel to Prod @ 9:00 a.m. 5/23/71.
- 5/24 SI 1 hr, TP 2500, tied up test equipment, F 1.5 MMCFPD, 1" ck, TP 400, 3600 BNO + 2% mud/18 hrs, F 1.75 MMCFPD, 1" ck, TP 400, 54 BNO, tr of mud/24 hrs.
- BRIDGES STATE #158, 11,802 TD.
- 5/25 F 1.5 MMCF + 55 BNO + 0 BSW/24 hrs, 1" ck, TP 900, Oil Grav 56.0 @ 60, Gas Grav 0.659.
- BRIDGES STATE #158, 11,802 TD.
- 5/26 SI 20 hrs, TP 3525.
- BRIDGES STATE #158, 11,802 TD.
- 5/27 SI 44 hrs, TP 3700, prep to run potential.
- BRIDGES STATE #158, 11,802 TD.
- 5/28 SI 50 hrs, DWTP 3824, running NM OCC potential.
- BRIDGES STATE #158, 11,802 TD.
- 6/1 Compl 4-pt OCC Pot Test, CAOF, 24-hr deliverability test, F 1.6 MMCFPD + 65 BNO, 1" ck, TP 945, SI 70 hrs, prep to pull BHP bomb.
- BRIDGES STATE #158, 11,802 TD.
- 6/2 72 hr SI, DWTP 3698, pulled BHP bomb, COAF.

BRIDGES STATE #153, 11,802 TD.

6/3/71

NM OCC POT TEST: 4-pt test -

POTENTIAL

	<u>Rate</u>	<u>Ch</u>	<u>TP</u>
#1	951.9 MCFPD	8/64	3076 - no fluid
#2	1348.0 "	10/64	2675 - no fluid
#3	1527.0 "	11/64	2445 - no fluid
#4	1652.5 "	12/64	1910 - no fluid

CAOF 2840.0 MCFPD. Compl 5/22/71. WO Northern Nat'l Gas connection.

FINAL REPORT.

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE July 13, 1971

This is to notify the Oil Conservation Commission that connection for the
purchase of gas from the Mobil Oil Corporation, Bridges State #158,
Operator Lease
1.00, J-12-17-34, North Vacuum Morrow, NORTHERN NATURAL GAS COMPANY,
Well Unit S.T.R. Pool Name of Purchaser
was made on July 9, 1971.
Date

NORTHERN NATURAL GAS COMPANY
Purchaser

[Signature]
Representative

CONTRACT ADMINISTRATOR
Title

cc: To Operator
Oil Conservation Commission - Santa Fe

RECEIVED

JUL 1 1971

OIL CONSERVATION COM.
WASHINGTON