

**N.**

**Santa Fe, New Mexico**

OCT 29 10 18 AM '63

63

.660

AREA 640 ACRES  
LOCATE WELL, CORRECTLY.

## State Bridges

(Company or Operator)

(Leave)

Elevation above sea level at Top of Tubing Head.....4022..... The information given is to be kept confidential until  
.....19.....

No. 1, from 5970 to 5996 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 6551 to 6638 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

No. 1, from none to                      feet.                     

No. 2, from                      to                      feet.                     

No. 3, from                      to                      feet.                     

No. 4, from                      to                      feet.                     

CASING RECORD							
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8"	36#	new	1572'	-	-	-	Surface String
7	23#	new	6750'	-	-	5970-5996 6551-6638	Production String

MUDGING AND CEMENTING RECORD						
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8	1572	610	pump & plug	-	-
8-3/4"	7	6750'	2432	pump & plug	-	-

SEE ACIDIZING SECTION

### Result of Production Stimulation.

## ...Depth Cleaned Out.

SUMMARY OF OPERATIONS

7/15/63 Commenced drilling operations @ 8 p.m. (spud date).

7/16/63 Set 1572' of 9-5/8" surface casing.

7/17/63 Ran Temperature Survey.

7/18/63 Tested 9-5/8" casing w/1000# for 30 mins.

7/25/63 Fished & recovered 18 drill collars & bit in 96 hrs.

8/7/63 DST #1 5890-5940.

8/12/63 Schlumberger ran Gamma Ray, Sonic, Caliper log, Lateral & Microlateral log to 6745'.

8/13/63 Set 6750' of 7" production casing @ 6750'.

8/16/63 Tested 7" casing w/2500# for 30 mins.

8/17/63 Welex ran Bond log (Micro-Siesmogram) 5700-6681.

8/18/63 Welex ran Correlation log.

8/18/63 Welex perf. 7" casing (Blinebry) 6551-6638 w/1 JSPF.

8/18/63 Dowell, Inc. acidized perfs. 6551-6638 w/1000 gal. 15% NE acid.

8/19/63 B. J. Service, Inc. sand oil frac Blinebry perfs. 6551-6638 w/20,000 gal. lease crude + 40,000# 20-40# Ottawa sand + 1/20#/gal. Addomite M-2 + 8 RCN ball sealers.

8/20/63 Ran 4-1/2" sand pump, top of sand @ 5961, clean out sand to 6681'.

8/20/63 Welex re-perf. 7" casing (Blinebry) 6551-6638'.

8/21/63 B. J. Service, Inc. sand oil frac. Blinebry perfs. 6551-6638 w/15,000 gal. lease crude + 30,000# 20-40# sand + 1/20#/gal. Addomite II + 22 RCN ball sealers w/1000 gals. 15% NE acid.

8/22/63 Ran 4-1/2" sand pump & cleaned out sand to 6679 Ran 2-3/8" tbg. to 6632 w/Guib. pkr. @ 6525'. Swab & flow 174 BLO + 8 BAW in 16 hrs. Pulled 2-3/8" tbg. & pkr.

8/24/63 Welex perf. 7" casing (Glorieta) 5970-5996 w/1 JSPF.

8/25/63 Ran Blinebry 2-3/8" tbg. to 6528 w/pkr. @ 6491', SN @ 6487, Parallel Anchor @ 5984. Ran Glorieta 2-3/8" tbg. & latched in parallel anchor @ 5984.

8/25/63 Glorieta Perfs. 5970-5996' swab & flow 230 BLO + 47 BNO + 6 BSW in 17 hrs. On NMOCC Pot. test on 8/27/63 flow 428 BNO in 24 hrs. 22/64" ch. GOR 583 gty. 39.0 @ 60". TP 325, CP 25. On production test flow 497 BNO in 96 hrs. 16/64" ch. TP 300#. Shut in on packer leakage test.

Blinebry Perfs. 6551-6638 Swab & flow 943 BLO + 18 BAW in 184 hrs. 12/64" ch. TP 364#. Shut in on packer leakage test.

9/6/63 Glorieta flow on pkr. leakage test flow 154 BNO in 24 hrs. 12/64" ch. Test indicates communication between zones.

9/10/63 Pulled Glorieta & Blinebry Strings of tbg. & pkr.

9/11/63 Re-ran Blinebry 2-3/8" tbg. to 6489, SN @ 6487, parallel anchor 5984'. Ran Glorieta tbg. & set in anchor @ 5984', SN 5983'. From Blinebry perfs. swab & flow 284 BNO in 36 hrs. From Glorieta swab 31 BLO in 2-1/2 hrs. had communication between zones

9/15/63 Pulled both strings of tbg. & pkr.

9/15/63 Ran tbg. to 6640 open ended.

9/15/63 Halliburton spotted 50 sx. neat cement 6640-6388'.

9/15/63 Ran DM retainer & set @ 5796'. WOC 12 hrs. Halliburton squeezed Glorieta perfs. 5970-5996 w/100 sx. Incor neat cement. Locked w/24 sx. in formation Max. Pr. 6000# Rev. out 48 sx.

9/16/63 Pulled tbg. Ran bit to 5795'. Drilled out cement & retainer 5795-5996, drilled out cement 6565-6648. Washed out sand 6648-6670'.

9/18/63 Set Retrievable BP @ 6650', HW pkr. @ 6493'. B. J. Service, Inc. spotted 500 gals. 15% acid & left on spot 30 mins. Swab & flow 30 BLO + 118 BNO + 9 BAW in 9 hrs.

9/19/63 Pulled BP & re-set @ 6021 w/tbg. @ 6011 & pkr. @ 5886'. B.J. Service spotted 500 gals 15% acid over perfs. 5970-5996. Soaked 5 hrs. @ 500#. Swab & flow 25 BLO + 222 BNO + 30 BAW in 12 hrs. 12/64" ch.

9/20/63 Re-set BP @ 6650, set pkr. @ 6434'. Pump into Blinebry perfs. @ 1600# CPO. Circ. 2-1/2 hrs. Pulled tbg & pkr. Retrieved BP.

9/21/63 Set Blinebry tbg. @ 6523, pkr. @ 6491', SN 6485, parallel anchor @ 5982'. Ran Glorieta tbg. to 5982', SN 5980. Re-set pkr., would not hold.

9/23/63 Pulled tbg. and pkr.

9/24/63 Ran Blinebry 2-3/8" tbg. to 6521', pkr. @ 6458', SN @ 6453', parallel anchor @ 5951. Ran Glorieta 2-3/8" tbg. to 5951, latched into anchor, w/SN @ 5915'.

9/25/63 Blinebry Perfs. 6551-6638 swab & flow 56 BLO in 3 hrs. On NMOCC Pot. Test flowed 303 BNO + 9 BSW in 24 hrs. 28/64" ch. TP 110-325#. GOR 522. Shut in 136 hrs. for pkr. leakage test. On pkr. leakage test flowed 75 BNO in 24 hrs. 8/64" ch. TP 231-403#.

Glorieta perfs: 5970-5996 flow 52 BLO + 613 BNO in 91 hrs. 12/64" ch. TP 365#. Shut in 96 hrs. for pkr. leakage test. On pkr. leakage test flowed 119 BNO in 24 hrs. 11/64" ch. TP 339#.

DST #1 Glorieta Formation 5890-5940 2 pkrs. No WC tool open 1 hr. 5/8" x 1" choke. Opened w/very weak blow, continuing through out test. Rec. 360' drlg. fluid. SFPO. IBHFP 86#, FBHFP 218#. 90 min. FBHSIP-2257#. HH 2781 in & out. BHT 114°.

## PERFORATIONS

[illegible]

# DRILL STEM TESTS

8/7/63

DST #1 Glorieta Formation 5890-5940 2 pkrs. No WC tool open 1 hr. 5/8" x 1" choke. Opened w/very weak blow, continuing through out test. Rec. 360' drlg. fluid. SFPO. IBHFP 86#, FBHFP 218#. 90 min. FBHSIP-2257#. HH 2781 in & out. BHT 114°.

## PERFORATIONS

<u>Zone</u>	<u>Depth</u>	<u>Size</u>	<u>Kind</u>
Blinebry	6551	1/2	Jet
"	6554	"	"
"	6556	"	"
"	6580	"	"
"	6582	"	"
"	6584	"	"
"	6587	"	"
"	6589	"	"
"	6594	"	"
"	6606	"	"
"	6608	"	"
"	6610	"	"
"	6616	"	"
"	6619	"	"
"	6620	"	"
"	6627	"	"
"	6629	"	"
"	6638	"	"
Glorieta	5970	"	"
"	5971	"	"
"	5972	"	"
"	5973	"	"
"	5974	"	"
"	5975	"	"
"	5976	"	"
"	5977	"	"
"	5978	"	"
"	5979	"	"
"	5980	"	"
"	5981	"	"
"	5982	"	"
"	5983	"	"
"	5984	"	"
"	5985	"	"
"	5986	"	"
"	5987	"	"
"	5988	"	"
"	5989	"	"
"	5990	"	"
"	5991	"	"
"	5992	"	"
"	5993	"	"
"	5994	"	"
"	5995	"	"
"	5996	"	"

## ACIDIZING RECORD

8/18/63

Dowell, Inc. acidized perfs. 6551-6638 w/1000 gal. 15% NE acid. Breakdown pr. 2500#. Treating pr. 2400#. Rate 1.8 BPM. ISIP 2200#. 5 min. SI pr. 300# swab & flow 30 BLO + 32 BNO + 22 BAW in 16 hrs. 32/64" ch. TP 100-110#.

8/19/63

B. J. Service, Inc. sand oil frac Blinebry Perfs. 6551-6638 w/20,000 gal. lease crude + 40,000# 20-40# Ottawa Sand + 1/20#/gal. Addomite M-2 + 8 RCN ball sealers. Breakdown pr. 4800#, treating pr. 4200-5100#. Well balled out. SI 6 hrs. CP 900#.

8/21/63

B. J. Service, Inc. sand oil frac Blinebry perfs. 6551-6638 w/15,000 gals. lease crude + 30,000# 20-40# sand + 1/20#/gal. Addomite II + 22 RCN ball sealers w/1000 gals. 15% NE acid. Breakdown pr. 4800#. Treating pr. 4700-4000#. Rate 30 BPM. ISIP 2800#, 5 min. SIP 2700# SI 14 hrs. CP 200#. Opened well & flow 16 BLO in 2 hrs.

OIL CONSERVATION COMMISSION

BOX 1980

HOBBS, NEW MEXICO

Date Oct. 3, 1963

Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

Re: Proposed MC Application

Gentlemen:

I have examined the application dated 10/1/63  
for the Socony Mobil Oil Co., Inc. State Bridges #99-I 26-17-34  
Operator Lease & Well No. S-T-R

and my recommendations are as follows:

O.K.---E.F.E.

O.K.---J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION