

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Socony Mobil Oil Company, Inc.		Address P. O. Box 2406, Hobbs, New Mexico				
Lease C. Hardy	Well No. 4	Unit Letter F	Section 29	Township 21S	Range 37E	
Date Work Performed 8-28-60 to 10-18-60	Pool Penrose Skelly			County Lea		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☒ Other (Explain):
☐ Plugging ☐ Remedial Work **Attempted to Dual Complete - Csg Collapsed - Recompleted in Penrose Skelly Field.**

Detailed account of work done, nature and quantity of materials used, and results obtained.

Killed well & Jcl blocked Yaso Perfs. 6585'-6630' w/200 gals. Western ran Gamma Ray-Neutron to 6630'. Ran tbg to 3850' w/Dowell Sand Jet Gun. Ran D/C Log thru tbg, pull log & set tool @ 3787' & perf 7" & 9 5/8" esg w/3 holes using oil + 1# sd/gal (20-40) 30 mins. Reset & perf @ 3777', 3763', 3756', 3747', & 3743' in Penrose Skelly, R 10 sd. Pulled tbg & jet. Set Baker Rat. BP @ 3800', set HW pkr @ 3770' w/2" tbg to 3775'. Pressured tbg & had communication between perfs. Reset pkr @ 3710', Pressured 7" esg to 800# & started frac, Break down TP 4500#, TP 3600#-4000#, Rate 10 BPM, after 71 bbls jelled H2O. B. H. blew out. Pulled 2" tbg, Pkr, Removed BOP & straightened & reset B. H. on 13 3/8" esg. Installed BOP. Ran 2" tbg w/RTTS tool to 3630' & rev out sand from 3630' to 3745'. Mud started circ. thru 9 5/8" esg. Pulled RTTS tool. Ran RTTS Tool to 3620' & Halliburton cemented between 7" & 9 5/8" esg w/565 sks Incor Neat. Did not circ. WOC 8 hrs. Ran temp Survey top cement 500'. Pulled tbg & RTTS tool. Ran 6 1/4 bit, sub in 2" tbg & drld out cement 3700' to 3743', washed sand from 3743' to 3795'. Displaced wtr to oil. Install OCT dual head. Ran Baker FB Pkr on 2" tbg to 3700'. Press up to 5000#, 2 hrs, no break. Spot 500 gals 15% Non Emulsion Acid, pumped in 6 bbls @ 2000#, Rate 2 BPM. Dowell sand Frac Penrose Skelly perfs w/8862 gals. of Jelled wtr + 24,800# sand, break down TP 4000#, Treat TP 4000#-5600#, Rate 8.7 BPM. (Continued)

Witnessed by M. R. Hanks	Position Drig. Foreman	Company Socony Mobil Oil Company, Inc.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

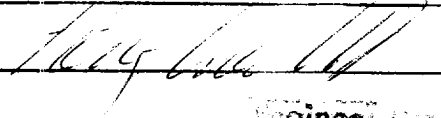
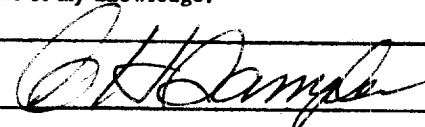
D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by 	Name 
Title Engineer	Position District Producing Superintendent
Date OCT 2, 1960	Company Socony Mobil Oil Company, Inc.

MISCELLANEOUS REPORTS ON WELLS
CONTINUED

Wait on frac 2 hrs. Swab 12 BLW 2 hrs. Stuck Swab. Pulled tbg & Pkr. Ran 2" tbg & Ret. B. P. Fish Tool. Rev out sand from 3787' to 3800'. Caught B. P., Pulled & rec all B. P. except bottom guide. Ran 2" tbg w/pkr., stopped @ 3807'. Pulled tbg & Pkr. Ran Imp. Block on 2" tbg, 7" csg collapsed @ 3807'. Ran Imp. Block to 3808', indicated bottom of B. P. w/slight marks on side of Imp. Block. 4" OD on bottom tapered to 5 1/4" on top 4" long. Ran Magnetic Basket on WL & rec 2/3 of junk. Attempted to roll out collapsed csg w/Wilson 4 1/2" csg roller on 2" tbg., no success. Ran 3 3/4" Eastman Csg Roller on DP & DC's, rolled csg 3807'-3808' & stopped. Pulled DP & Csg roller. Ran 6" Grand Csg roller, rolled 7" csg 3807' to 3812'. Twisted off pin on 3 1/2" DC. Fish & rec 3' X 3 1/2" sub & 6" Grant Csg roller. Ran 4 3/4" Wilson Csg roller, rolled out csg 3812' to 3830' & stopped. Pulled roller. Ran 3 3/4" Eastman roller in collapsed 7" csg @ 3830' for 2 hrs, no progress. Pulled roller. Lane Wells dumped 48 gallons of Hydromite w/5" dump bailer from 3830' up to 3798' PBTD. Removed dual head. Install single Xmas Tree. Ran 2" tbg to 3794' w/tbg perfs 3791-94', Seating Nipple @ 3780'. Swab & flow 174 BLO + 165 BNO + 141 BLW + 50 BSW in 68 hrs. Well S I 9-24-60 to 10-13-60 waiting on pump unit. Installed pumping head. Ran 3764' of 3/4" rods w/1 1/4" X 25' 3 tube pump. Pumped 8 BNO + 9 BSW in 5 hrs., 13 1/2 - 46" SPM. On Potential Test pumped 8 BNO + 104 BSW 24 hrs. 13 1/2 - 46" SPM, GOR 14,500, Gty. 30.6°.

cc:

General Crude Oil Company
General American Oil Company of Texas
Jack Stieren

WILSON, JAMES H. (1891-1968)
BIOGRAPHICAL

James H. Wilson was born on January 1, 1891, at St. Louis, Missouri. He was the son of James H. Wilson, Sr. and Mary Elizabeth Wilson. He was educated in the public schools of St. Louis and graduated from St. Louis University in 1913. He then served in the United States Army from 1914 to 1918, during which time he was honorably discharged. After the war, he returned to St. Louis and worked for the St. Louis Public Works Department. In 1921, he was elected to the St. Louis Board of Public Works and served in that capacity until 1925. He then served as the Mayor of St. Louis from 1925 to 1931. During his tenure as Mayor, he was instrumental in the development of the Gateway Arch and the construction of the St. Louis Convention Center. He was also a member of the National Governors' Association and the National Association of Mayors. He died on December 1, 1968, at St. Louis, Missouri.

James H. Wilson
Mayor of St. Louis
1925-1931