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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 7706)

Name of Company Socony Mobil Oil Company, Inc.		Address P. O. Box 2406, Hobbs, New Mexico	
Lease C. Hardy	Well No. 3	Unit Letter C	Section Township 29 21S
Date Work Performed 7-27-60 - 2-12-61	Pool Blinebry & Tubb	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

☐ Beginning Drilling Operations	☐ Casing Test and Cement Job	☒ Other (Explain): Dually Recomplete.
☐ Plugging	☐ Remedial Work	

Detailed account of work done, nature and quantity of materials used, and results obtained.
Rig up X-Pert Well Service DD Unit. Kill well w/100 BLO. Pull tbg. Set Ret. @ 6260' on 2" tbg. Squeeze perforations 6267-6328, 6361-6442, 6590-6645 w/125 sks Incor Neat Cement. TP-Vac. WOC 3 hrs. Re-squeeze w/125 sks Neat Cement. TP 3600#. Frontier ran Correlation Log & perf Tubb Zone @ 6240', 6232', 6207', 6191', 6185', & 6170' w/4 Shots each depth & perforated Blinebry Zone @ 5656', 5640' & 5621'. Attempted to Frac Tubb Zones; packer failed. Set BP @ 6245', Pkr @ 6140'. Attempted to pump into all perfs w/7500# TP, no break. Halliburton spotted 500 gals 15% Reg. Acid. Pressure 6500 for 4 1/2 hrs. Broke from 6500-2000#. Set Pkr @ 6140'. Halliburton Sand Oil Frac Tubb Perfs 6170-6240 w/17500 gals Refined Oil + 1# sd per gal, Break down TP 6500#. TP 5000-6000-5000#. Rate 7 BPM. Immediate SI TP 2000#. 5 Min SI TP 1800#. Flowed 283 BLO in 6 hrs.; TP 1500-0#. Set Retr. BP @ 5670' w/HW Pkr @ 5580' & spotted over Blinebry Perfs 5623-5658' 500 gals 15% Reg Non-Emulsion Acid, TP 6000-2800#. Halliburton Sand Oil Frac Blinebry Perfs 5623', 5641', 5658' w/15000 gals Refined Oil + 1# sd/gal + 8 Ball Sealers in 3 stages, Rate 3.7 BPM, TP 6000-5400-5300#, Immed SI TP 2150#. 5 Min SI TP 2050#, from Blinebry Perfs flowed 421 BLO + 30 BNO + 30 BLSW in 20 hrs, 2" choke, TP 1700-0#. Fished & Rec. Retr. BP from 6200'. Ran 2" tbg to 6228 w/Otis Type "J" Nipple @ 5977' w/Guiberson L-30 Pkr @ 5937'. (Continued)

Witnessed by E. D. Hughes	Position Drilg. Foreman	Company Socony Mobil Oil Company, Inc.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

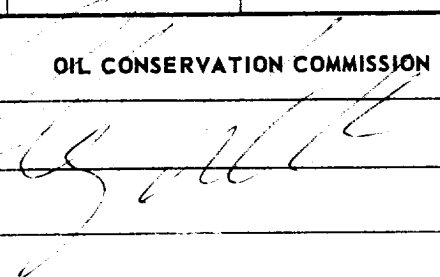
D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter		Tubing Depth	Oil String Diameter	Oil String Depth
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

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 Senior Clerk
Title	Position Senior Clerk
Date	Company Socony Mobil Oil Company, Inc.

MISCELLANEOUS REPORTS ON WELLS
PAGE NO. 2

Otis Type "A" Sliding Sleeve Side Door @ 5903'. Install Y-Nas Tree. From both zones swab 20 BLO in 1 hr, flowed 195 BLO + 44 BLSW. 48/64" choke, 14 hrs, TP 0-300#, CP 0-300#. Set Blank Plug in Nipple @ 5977'. Blinebry Perfs flowed 20 BLO + 30 BNO + 6 BLSW in 6 hrs, 48/64" choke, TP 40-60#, CP 480-560#. Closed Type "A" Sliding Sleeve @ 5903'. Retrieved Blanking Plug. Blinebry Perfs flowed thru csg & BNO + BLSW, 48/64" ck, 2 1/2 hrs, GOR 1208, CP 40-0#, well died. Tubb Perfs flowed 21 BLO to 28 BLSW, 48/64" choke, 29 hrs, TP 75-100#, GOR 12300#. Set Blank Off Plug in Type "J" Nipple @ 5977', opened Type "A" Sleeve @ 5903'. From 8-8-60 to 10-21-60 tested Blinebry Zone w/Tubb Zone SI. Killed well w/50 BSW. Pulled plug from Type "J" Nipple @ 5977'. Removed Tree. Installed BOP. Pulled ckg & pkr. Frontier Perf Blinebry Zone @ 5977', 5884', 5740', 5718', 5700', 5680', 5598', & 5575' w/4 shots each depth. Set Model "C" Retr. BP @ 5903'. Loaded pipe, broke down form. w/150 bbls Lse Crude. Dowell Sd Oil Frac Blinebry 5623-5977, w/Tubb zone 5622-5960 w/30,000 gals Lse. Crude w/1/20# Adomite per 2/gal + 37500# 20-40-mesh Sand, 16 Ball Sealers in 5 stages, Break Down CP 3000#, Treat CP 3000-4500#, Immed SI CP 2200#, Rate 27.1 BPM. Flowed 100 BLO in 11 hrs, 2" choke. Fished & rec. Retr. BP found at 5903. Ran Retr. BP to 5966', Test w/600#, Reid OK. Set KVL Pkr. @ 5474'. Tubing @ 5921'. Tested Annulus w/600#, OK. Removed BOP. Installed Tree. From Blinebry Paris swab 21 BLO + 04 BNO in 10 hrs., slight show gas. Dowell attempted to acid Blinebry Perfs annulus to break down w/5000#, unsented pkr & spotted acid across perfs. Reseal pkr and ckg w/2500 gals, Break Down TP 3900#, CP 3-400#, Treat TP 3900-2850#. Rate 4 BPM. Immed SI 2400#. 5 Min SI 1300#. Swab 25 BLO + 39 BNO + 10 BAW in 48 hrs. Strong show gas. SI 17 hrs TP 600#, CP 300#. Ried TP to 0# in 3 mins. Swab 15 BNO in 4 hrs. Loaded hole w/40 BQ. Dowell acid Blinebry Perfs w/2500 gals 15% Non-Emulsion, BD TP 2700#, 11 CP 1-100#. Treat TP 2700-2900#. Used 40 Ball Sealers, Rate 3 BPM. Immed SI TP 1800#. 5 Min SI TP 1700#. Flowed 3 BLO in 1 hr. Swab 52 BLO in 3 hrs. Flowed 28 BLO + 47 BNO + 32 BAW, 25 hrs, 24/64" choke, TP 100#, CP 300#. Gas Rate 125 MCF. Set Retr. BP @ 5968' Dowell Sand Oil Frac Blinebry Perfs w/50000 gals Lse Crude + 1# ad & .05# Adomite/gal + 20 Ball Sealers. Break down CP 2700#, Treat CP 2800-3250#. Rate 24.1 BPM. ISIP 1850#. 3 Min SIP 1300#. Flowed 520 BLO in 15 hrs, 24/64 to 14/64" chokes. CP 100-1600#. Pulled Retr. BP from 5903'. Ran 2" ckg to 6228' w/pkr @ 5938, Stg Nipple @ 5939', Otis Type "A" Sliding Side Door @ 5903'. Removed BOP. Installed Tree. Blinebry flowed 188 BLO, 10 hrs, 20/64" choke, good show gas. TP 1025#, CP 100#. Est Gas Rate 1.5 MMCF/Da. Tubb flowed 4 BLO, 1 hr., 48/64" choke, swab 21 BLO in 3 hrs. Swab try 4 hrs. Attempted to kill Blinebry w/500 gal Jel + 105 BLO + 30 BSW. Unsented pkr @ 5938 to equalize tbq & casing pressure. Killed well w/130 BSW. Pulled ckg & pkr. Ran sinker to 6253 - no sand fill up. Ran 2" tbq to 6006' w/pkr @ 5937', Otis Type "J" Stg Nipple @ 6006', Otis Type "A" Sliding Side Door @ 5905'. Tubb Zone swab & flowed 17 BLO + 13 BLSW in 13 hrs. Dowell acid Tubb Perfs w/1500 gal 7 1/2% Non-Emulsion Acid. TP 3000#. Rate 4 BPM.. Used 180 rubber balls in 4 stages. Immed SI TP 1600#. 5 Min SI TP 800#. Swab 30 BLO + 31 BAW, 6 hrs, good show gas. Blinebry Perfs flowed 45 BNO + 1 BLSW, 6 hrs, 17/64" choke, CP 1650-1483#, GOR 11244, Gty 65.2, Gas Volume 2024 MCF/Da. Blinebry Zone SI 3:45 PM 12-5-60 for build up and wait on gas conn. Tubb Zone Potential Test completed 2-12-61.

