

## NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLANEOUS REPORTS ON WELLS

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

RECEIVED  
FORM C-103  
(Rev 3-55)  
JAN 31 1961  
O. B. C.  
ARTESIA, OFFICE

Name of Company <b>Robert G. Hanagan</b>		Address <b>Box 259, Artesia, New Mexico</b>				
Lease <b>Mobil State</b>	Well No. <b>1-16</b>	Unit Letter <b>H</b>	Section <b>16</b>	Township <b>17 South</b>	Range <b>31 East</b>	
Date Work Performed <b>10/7/60 to 1/29/61</b>	Pool <b>Grayburg-Jackson</b>			County <b>Eddy -- New Mexico</b>		

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Casing Test and Cement Job	<input checked="" type="checkbox"/> Other (Explain):
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	<b>Re-entry and completion</b>

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

Old hole re-entered and cleaned out to 3738'. Ran 110' of 7" and cemented with 30 sacks, ran 3733' of 2 7/8" and cemented with 300 sacks. Perf 3702-12 with 2 shots per foot, acidized with 1,000 gallons. Swabbed dry, no shows. Set Baker bridge plug at 3529', perf with 4 shots per foot 3475-81; 3486-94; 3497-3505. Acid, 500 gallons; frac 20,000 gallons of gelled water and 13,000# sand. Treated at average 3800#, injection rate 10 barrels per minute, S.I.P. 2200#. Swabbed and flowed over several week period approximately 480 barrels of load water with good shows of gas, 20% oil. Lack 100 barrels of load and last guage prior to work listed below well flowed 4-6 barrels of fluid per day (40% oil). Set retrievable plug at 3430', perf 2 shots per foot 3228-37; 3266-71; 3284-87; 3293-3303; 3362-67; 3383-93; 3397-3405; acidize with 125 gallons; frac with 80,000 gallons of slick water and 60,000# sand. Treated at average 3800#; 14.2 barrel per minute injection rate S.I.P. 2250#. Retrievable plug recovered, now at P.B.D. 3529'. Flowed 200 barrels of load water; swabbed and recovered by air compressor 800 barrels of fluid (80% oil 20% water). Ran 1 1/4" tubing to 3122'. Swabbed and flowed back 200 barrels of fluid (95% oil, 5% water). Lack 800 barrels of load water. Now flowing 36 barrels of oil and 4 barrels of load water in 24 hour period.

Witnessed by <b>Robert G. Hanagan</b>	Position <b>Operator</b>	Company <b>Robert G. Hanagan</b>
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA				
D F Elev.	T D	P B T D	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 <i>M. L. Armstrong</i>	Name <b>Robert G. Hanagan</b>	Position <b>Operator</b>	
Title <b>OIL AND GAS INSPECTOR</b>	Company <b>Robert G. Hanagan</b>		
Date <b>JAN 31 1961</b>			

OIL CONSERVATION COMMISSION  
ARTESIA DISTRICT OFFICE

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