

## 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  
D. 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</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 gauge 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>ML Armstrong</i>	Name <b>Robert G. Hanagan</b>
Title <b>Operator</b>	Position <b>Operator</b>
Date	Company <b>Robert G. Hanagan</b>