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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 1106)

Name of Company Humble Oil & Refining Company		Address Box 2347, Hobbs, New Mexico	
Lease New Mexico State M	Well No. 13	Unit Letter K	Section 20
Township 22-S		Range 37-E	
Date Work Performed 10-26, 11-21-60	Pool Eumont	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

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

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

Squeezed perfs in 5½" csg from 3573-3623 w/150 sx reg cmt. Drilled out cmt from 3553-3642', cleaned out to 3650'. Tested 5½" csg w/900#, pressure fell to 300#. Squeezed perfs from 3550-3623' w/100 sx cmt. Drilled cmt from 3550-3626'. Tested perfs 3573-3650 w/3000# for 15 mins - no drop in pressure. Drilled guide shoe & OH from 3668-3687'. Treated OH 3670-3687 w/5000 gals reg acid, avg inj rate 4 BPM. Perf 5½" csg from 3658-3662 w/2 shots per ft, retrievable bridge plug at 3665'. Acidized perfs 3658-3662 w/5000 gals 15% acid. Frac perfs 3658-3662 & OH 3668-3687' w/10,000 gals Humble Frac and 20,000# sand, avg inj rate 8.5 BPM. Recovered all load oil. On potential, well produced 96 bbls oil & 110 bbls water, GOR 3215.

Witnessed by <i>S. B. Carlson</i>	S. B. Carlson	Position Field Supt.	Company Humble Oil & Refining Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 3386	T D 3668	P B T D 3632	Producing Interval 3573-3623	Completion Date 12/20/57
Tubing Diameter 2"	Tubing Depth 3561	Oil String Diameter 5½"	Oil String Depth 3668	

Perforated Interval(s)
3573-3623

Open Hole Interval -	Producing Formation(s) Queen
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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	5/2/60	8	246	-	29,452	
After Workover	11/21/60	96	309	110	3,215	

OIL CONSERVATION COMMISSION

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

Approved by <i>[Signature]</i>	Name <i>[Signature]</i>
Title <i>[Signature]</i>	Position Agent
Date	Company Humble Oil & Refining Company

