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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 1706) 23

Name of Company Humble Oil & Refining Company				Address Box 2347, Hobbs, New Mexico			
Lease New Mexico State Q	Well No. 4	Unit Letter N	Section 17	Township 17-S	Range 36-E		
Date Work Performed 6-6, 6-20-62		Pool Undesignated Vacuum Abs		County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain): **Attempt to complete.**
- ☐ Plugging
 ☐ Remedial Work

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

SEE ATTACHED SHEET.

Witnessed by J.C. Sherrill	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.	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>[Signature]</i>	Name <i>[Signature]</i>
Title <i>[Signature]</i>	Position Agent
Date	Company HO&RC, Box 2347, Hobbs, New Mexico

N. M. State Q #4, Unit N; Sec. 17; T-17-S; R-36-E; Lea County, New Mexico
Humble Oil & Refining Company
P. O. Box 2347
Hobbs, New Mexico

Perforated $4\frac{1}{2}$ " csg from 9480-9492 w/2 shots per ft. Packer set at 9459'. Acidized perforations from 9480-9492 w/3,000 gal acid. Swab 16 hours, rec 216 bbls sulphur water. Squeezed perforations from 9480-9492 w/150 sacks, 56 squeezed into formation, 96 sx reversed out. Perforating gun would not go below 8986'. Could not pull packer due to cmt around packer. Tubing stuck at 8950'. Cut off tbg at 8944. Recovered packer, and drilled cmt to 9465. Tested csg w/1500# - held OK. Perf $5\frac{1}{2}$ " csg from 9448-9458 w/2 shots per ft. Baker packer set at 9432'. Acidized perforations from 9448-9458 w/4,000 gal LSTNE acid, avj injection rate 3 BPM. Swabbed 28 hours, rec 560 bbls water. Squeezed perforations from 9448-9458 w/150 sacks cmt, 95 reversed out. Perforated $4\frac{1}{2}$ " csg from 9196-9200, 9202-9206 w/2 shots per ft. Packer set at 9176'. Acidized perforations 9196-9200, 9202-9206 w/6000 gal LSTNE acid. Avj injection rate $2\frac{1}{2}$ BPM. Swabbed 19 hours, recovered 15 bbls oil, 127 bbls water. Acidized perforations from 9196-9200, 9202-9206 w/15,000 gal LSTNE acid, avj inj rate 3.7 BPM. Swabbed 42 hours recovered 103 bbls water. Squeeze perforations from 9196-9200, 9202-9206, w/50 sx slosset cement, reversed out 4 sx. Perforate $4\frac{1}{2}$ " csg from 8732-8756, 8764-8778, 8810-8830 w/1 shot per ft. Acidized perforations from 8732-8756, 8764-8778, 8810-8830 w/20,000 gal slick acid average injection rate 3.3 BPM. Swab 10 hours, recovered 10 bbls water.

Plug and Abandoned

Squeeze 50 sacks below packer at 8175'. Pull tubing. Cut $4\frac{1}{2}$ " csg at 8175' and pulled. Spotted plugs as follows:

30 sx cmt from 8200-8100
30 sx cmt from 7320-7210
125 sx cmt from 5800-5400
125 sx cmt from 5000-4600
30 sx cmt from 3600-3510.

Cut 8-5/8" csg at 1425' and pulled.

Set cmt plugs as follows:

50 sx cmt from 1475-1375
50 sx cmt from 325-275
5 sx cmt from 25-0

Mud laden fluid between all plugs.
Installed dry hole marker as required by NMOCC.
Well plugged and abandoned.

