

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS  
(SUBMIT TO APPROPRIATE DISTRICT OFFICE AS PER COMMISSION RULE 1103)

COMPANY Humble Oil & Refining Company Box 2347, Hobbs, N. M.  
(ADDRESS)

STATE N. M. WELL NO. 8 UNIT I 18 22-S 37-E  
DATE WORK PERFORMED 7-26-56 to 7-31-56 POOL Arrowhead

THIS IS A REPORT OF (CHECK APPROPRIATE BLOCK)

BEGINNING DRILLING OPERATIONS

PLUGGING

RESULTS OF TEST OF CASING SHUT-OFF

REMEDIAL WORK

OTHER

DETAILED ACCOUNT OF WORK DONE, NATURE AND QUANTITY OF MATERIALS USED AND RESULTS OBTAINED.

Set 5-1/2" Model K magnesium bridge plug at 798' and retainer at 674'. Cemented with 300 sk. regular cement through hole at 740'. Reversed out 10 sk. Top cement at 250'. Drilling out Baker Model K cement retainer and cement from 674 to 740'. Drilled bridge plug at 3590'. Washed down to 3693'.

Dumping oil well through perforations 3630-3690'.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA:

DE ELEV. 3409 TD 3693 PAD 3691 PROD. INT. 3630-3690 COMPL. DATE 6-18-56  
TENG. DIA. 2" TENG. DEPTH 3669 OIL STRING DIA. 5-1/2 OIL STRING DEPTH 3693  
PERF INTERVAL(S) 3630-3690'  
OPEN HOLE INTERVAL \_\_\_\_\_ PRODUCING FORMATION(S) \_\_\_\_\_

RESULTS OF WORKOVER:

	BEFORE	AFTER
DATE OF TEST	<u>5-2-56</u>	<u>8-2-56</u>
OIL PRODUCTION, BBLG. PER DAY	<u>32.42</u>	<u>52.87</u>
GAS PRODUCTION, MCF PER DAY	<u>245.09</u>	<u>260.12</u>
WATER PRODUCTION, BBLG. PER DAY	<u>57.43</u>	<u>102.62</u>
GAS-OIL RATIO, CU. FT. PER BBL.	<u>4762</u>	<u>4920</u>
GAS WELL POTENTIAL, MCF PER DAY		

WITNESSED BY [Signature]

Humble Oil & Refining Company  
(COMPLETE)

OIL CONSERVATION COMMISSION

NAME [Signature]  
TITLE DISTRICT DIRECTOR III  
DATE AUG 10 1956

I HEREBY CERTIFY THAT THE INFORMATION GIVEN ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

NAME [Signature]  
POSITION Agent  
COMPANY Humble Oil & Refining Company  
MCD

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) 05

COMPANY Humble Oil & Refining Company Box 2347, Hobbs, New Mexico  
(Address)

LEASE N. M. State M WELL NO. 8 UNIT I S 18 T 22 S R 37 E

DATE WORK PERFORMED 7-18 to 8-25-55 POOL Arrowhead

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other \_\_\_\_\_

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

Ran 4-inch tubing with packer and set at 3620'. Fractured well from 3630 to 3690 with 20,000 gallons refined oil and 20,000# sand, average injection rate 15.5 BPM, maximum pressure 3100#, minimum pressure 2450#. Pulled 4-inch tubing, retan 2" tubing and flowed and snubbed to recover lead oil. Installed pumping equipment and put well to pumping on 8-1-55. Completed recovery of lead oil on 8-25-55.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3409 TD 3693 PBD 3691 Prod. Int. 3630-90 Compl Date 6-18-44  
 Tbnng. Dia 2" Tbnng Depth 3677 Oil String Dia 5-1/2 Oil String Depth 3693  
 Perf Interval (s) 3630 - 3690  
 Open Hole Interval - Producing Formation (s) Queen

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>5-24-55</u>	<u>8-31-55</u>
Oil Production, bbls. per day	<u>13.49</u>	<u>68.71</u>
Gas Production, Mcf per day	<u>32.94</u>	<u>212.73</u>
Water Production, bbls. per day	<u>5.77</u>	<u>78.99</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>2442</u>	<u>3096</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>
Witnessed by <u><i>Al Benson</i></u>	<u>Humble Oil &amp; Refining Company</u> (Company)	

OIL CONSERVATION COMMISSION

Name *C. M. Leedes*  
 Title Engineer District  
 Date SEP 2 1955

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

Name *M. W. Rogers*  
 Position Agent  
 Company Humble Oil & Refining Company