

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

FORM G-103
(REVISED 6-56)

MISCELLANEOUS REPORTS ON WELLS

MI 9:42

(SUBMIT TO APPROPRIATE DISTRICT OFFICE AS PER COMMISSION RULE 1106)

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

LEASE N. M. State M WELL NO. 1 UNIT J S. 18 T. 22S R. 37E
DATE WORK PERFORMED 7-25-56 to 8-5-56 POOL Arrowhead

THIS IS A REPORT OF: (CHECK APPROPRIATE BLOCK)

<input type="checkbox"/> BEGINNING DRILLING OPERATIONS	<input type="checkbox"/> RESULTS OF TEST OF CASING SHUT-OFF
<input type="checkbox"/> PLUGGING	<input checked="" type="checkbox"/> REMEDIAL WORK
	<input type="checkbox"/> OTHER _____

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

Ran and set Baker Model K CI retainer at 3595'. Attempted to squeeze open hole with 50 sacks regular cement. Failed to get squeeze. waited 4 hours and ran 50 sacks regular cement. Squeezed formation from 3609 to 3715'.

Perforated 5-1/2" casing from 3530-3550' with 4 jet shots per foot.
Treated perforations with 1000 gallons L. T. acid.
Tractured perforations with 10,000 gallons refined oil and 15,000# sand.

Flowing oil well
Flowing gas well.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA:

DF ELEV. 3421 TD. 3715 PBD. = PROD. INT. 3609-3715 COMPL DATE 5-1-40
TBNG. DIA. 2 TBNG. DEPTH 3635 OIL STRING DIA. 7 OIL STRING DEPTH 3609
PERF INTERVAL(S) =
OPEN HOLE INTERVAL 3609-3715 PRODUCING FORMATION(S) Grayburg Queen

RESULTS OF WORKOVER:	BEFORE	AFTER
DATE OF TEST	<u>5-21-56</u>	<u>8-4-56</u>
OIL PRODUCTION, BBLs. PER DAY	<u>2.33</u>	<u>15.00</u>
GAS PRODUCTION, MCF PER DAY	<u>287</u>	<u>1713</u>
WATER PRODUCTION, BBLs. PER DAY	<u>5.99</u>	<u>=</u>
GAS-OIL RATIO, CU. FT. PER BBL.	<u>123,186</u>	<u>108,080</u>
GAS WELL POTENTIAL, MCF PER DAY		<u>1713</u>

WITNESSED BY [Signature]

Humble Oil & Refining Company
(COMPANY)

OIL CONSERVATION COMMISSION
NAME [Signature]
TITLE Engineer District 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
mcb

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

SUBMIT THIS NOTICE IN TRIPLICATE TO THE DISTRICT OFFICE, OIL CONSERVATION COMMISSION, BEFORE THE WORK SPECIFIED IS TO BEGIN. A COPY WILL BE RETURNED TO THE SENDER ON WHICH WILL BE GIVEN THE APPROVAL, WITH ANY MODIFICATIONS CONSIDERED ADVISABLE, OR THE REJECTION BY THE COMMISSION OR AGENT, OF THE PLAN SUBMITTED. THE PLAN AS APPROVED SHOULD BE FOLLOWED, AND WORK SHOULD NOT BEGIN UNTIL APPROVAL IS OBTAINED. SEE ADDITIONAL INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION.

INDICATE NATURE OF NOTICE BY CHECKING BELOW

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE	X	NOTICE OF INTENTION TO ACIDIZE	X	NOTICE OF INTENTION TO SHOOT (NITRO)	
NOTICE OF INTENTION TO GUN PERFORATE	X	NOTICE OF INTENTION (OTHER) To Fracture	X	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico

July 24, 1956

(PLACE)

(DATE)

GENTLEMEN:

FOLLOWING IS A NOTICE OF INTENTION TO DO CERTAIN WORK AS DESCRIBED BELOW AT THE N. M. State M
Humble Oil & Refining Company WELL NO. 1 IN J
 (COMPANY OR OPERATOR) (UNIT)
NW 1/4 SE 1/4 OF SEC 18, T 22 S, R 37 E, NMPAL, Arrowhead POOL
 (40-ACRE SUBDIVISION)
Lea COUNTY.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

1. Move in unit, kill well and pull tubing.
2. Run radioactivity logs.
3. Run cement retainer and squeeze off present open hole production section from 3609 to 3715 pressure testing casing during process.
4. If casing leak develops, squeeze off casing leak.
5. Perforate well in upper Penrose members.
6. Run 2-1/2-inch tubing with packer.
7. Acidize perforations w/1000 gallons.
8. Frac perforations w/10,000 gallons refined oil and 1-1/2# sand/gallon down 2-1/2-inch tubing.
9. Swab well to clean up and place on production and test.

Current test: 3/4-inch choke, TP 180, 2.33 BOPD, 72% water, GOR 123,186

APPROVED _____, 19____
EXCEPT AS FOLLOWS:APPROVED
OIL CONSERVATION COMMISSION
BY C. M. Ledy
TITLE _____

Humble Oil & Refining Company
 COMPANY OR OPERATOR
 BY M. M. Argon
 POSITION Agent
 SEND COMMUNICATIONS REGARDING WELL TO:
 NAME Humble Oil & Refining Company
 ADDRESS Box 2347, Hobbs, New Mexico
 cpj