

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

SUBMIT THIS NOTICE IN TRIPPLICATE 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) Sand Frac	X	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico

October 22, 1958

(PLACE)

(DATE)

GENTLEMEN:

FOLLOWING IS A NOTICE OF INTENTION TO DO CERTAIN WORK AS DESCRIBED BELOW AT THE

Humble Oil & Refining Company New Mexico State Co WELL NO. 3 IN 2
(COMPANY OR OPERATOR)
S. 1/4 NE 1/4 OF SEC. 23, T. 21-S, R. 36-E, NMFLM, Durant (UNIT)
(40-ACRE SUBDIVISION) Lea COUNTY.

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

1. Squeeze cement perforations from 3736-3747 feet.
2. Perforate 5 1/2" casing from 3617-3622, 3629-3639, 3642-3644, 3648-3650, 3656-3663 and 3669-3674 feet with 2 bullets per foot.
3. Acid wash perforations with 500 gallons. Frac formation with 20,000 gallons of lease oil with a fluid loss additive and 20,000 pounds of sand in three equal stages with 20 rubber balls between stages. Test.
4. Place temporary plug to 3610'.
5. Perforate casing from 3518-3541, 3545-3549 and 3554-3574 feet with 2 bullets per foot.
6. Acid wash perforations 3518 to 3574 feet with 500 gallons. Frac formation with 30,000 gallons of lease oil with a fluid loss additive and 30,000 pounds of sand in three equal stages with 30 rubber balls between stages. Test.

Producing Interval: 3736-3747

Latest Test: 8-22-58, 18 bbls. oil, 0% water, GOR 43,024.
mcbAPPROVED _____, 19____
EXCEPT AS FOLLOWS:

Humble Oil & Refining Company

COMPANY OR OPERATOR

BY R. R. ALWORTH

POSITION Agent

SEND COMMUNICATIONS REGARDING WELL TO:

APPROVED
OIL CONSERVATION COMMISSION

BY

NAME Humble Oil & Refining Company

TITLE

ADDRESS Box 2347, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(SUBMIT TO APPROPRIATE DISTRICT OFFICE AS PER COMMISSION RULE 7.100)

COMPANY Humble Oil & Refining Company Box 2547 - Hobbs, New Mexico
(ADDRESS)

LEASE NO. Hobbs State U WELL NO. 10-27-58 then 10-12-57 UNIT G 21-5 20-5
DATE WORK PERFORMED 10-27-58 then 10-12-57 FOOT Barrel

THIS IS A REPORT ON (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.
Fracture perforations on 5 1/2" casing from 3617-3622" w/ 70 ex. reg. head int., maximum
p. loss 3,000#. Perforated 5 1/2" csg. from 3617-3622, 3629-3639, 3647-3654, 3648-3650,
3656-3660, 3664-3666 w/ 2 bullet shots per ft. treated reg. perforations w/ 100 gals.
1.5% reg. sand. bar. press. 1500#. Average injection rate 2.6 BPM. Water perforations
w/ 2.0% gas. Sample Frac and 20,000 sand. Average injection rate 1.4 BPM, average
injection pressure 2,200#. Injected 20 barrel sand after 7,000 gals. Pressure increased
from 2000-2200 psi, injected 20 barrel sand after 14,000 gals. w/ no increase in
pressure. Flowing gas well thru perforations 3617-3622, 3629-3639, 3647-3654, 3648-3650,
3656-3660, 3664-3666. Well presently shut in with line open.

FILL IN BLANKS FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

DEEPEN. 1574 3791 3791 PROD. INT. 3726-3747 COMPI. DATE 12-31-57

LOGG. DIA. 5" LOGG. DEPTH 3791 OIL STRING DIA. 5 1/2" OIL STRING DEPTH 3791

PROD. INTERVAL 3726-3747

OPEN HOLE INTERVAL 3726-3747 PRODUCING FORMATION(S) Oil

ANALYSIS OF WORKOVER

BEFORE

AFTER

DATE OF TEST

3-22-58

11-12-58

OIL PRODUCTION, BBL. PER DAY

17.79

21.00 Load Oil

GAS PRODUCTION, MCF PER DAY

765.32

2651.27

WATER PRODUCTION, BBL. PER DAY

SAFETY VALVE, OIL, PSI PER LBL.

13.52

126.251

GAS WELL FLOWING, MCF PER DAY

2651 @ 750 psi TP

WITNESSED BY R. R. Alworth

Humble Oil & Refining Company
(ADDRESS)

OIL CONSERVATION COMMISSION

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

R. R. ALWORTH

NAME

POSITION

Agent