

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Humble Oil & Refining Company

P. O. Box 2347, Hobbs, New Mexico

(ADDRESS)

LEASE J. L. Greenwood WELL NO. 5 UNIT I S 9 T 22-S R 37-3

DATE WORK PERFORMED 3-27-58 thru 4-16-58 POOL Eumont

THIS IS A REPORT OF: (CHECK APPROPRIATE BLOCK)

☐ BEGINNING DRILLING OPERATIONS

☐ PLUGGING

☐ RESULTS OF TEST OF CASING SHUT-OFF

☐ REMEDIAL WORK

☒ OTHER Recompletion

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

Ran 2 1/2" tbg. w/Baker cement retainer in 7" csg. at 3524'. Pressured up on csg. annulus, pumped in at 1000#, 3/4 BPM indicated leak in 7" csg. Squeeze cemented perf. interval 3640-3715 w/100 sacks neat regular cmt., 92 sacks out below retainer. Max. press. 1600#, final press. 1400#. Reversed out 7 sacks cmt. Ran Baker full bore retrievable cementer, located leak in 7" csg. between 1176' and 1204'. Pumped 190 sacks thru leak in csg., left 10 sacks in csg. below retainer. Max. & min. pressures 1700#-700#. Pressured 7" csg. w/900# water for 25 minutes. Test OK. Pulled cmt. retainer, ran 2 1/2" tbg. w/5 1/8" bit & 7" csg. scraper. Found cmt. at 1014', drilled hard cmt. from 1014' to 1220'. Washed to bottom @3523'. Tested w/1000 psi for 30 minutes. Test OK. Perforated 7" csg. from 3453' to 3516' w/2 bullets per ft. Ran 1 1/2" tbg. w/TIW hookwall packer, tbg. set @3498', packer @3405'. Acidized perf. from 3453' to 3516' w/500 gal. reg acid @3.2 BPM. Initial press. 1500#, final press. 1000#. On 24 hr. test, 3/4" choke, TP 60#, flowed gas @rate of 549 Mcf/day. SIP 450#. Pulled 2 1/2" tbg., reran tbg. w/Halliburton Type "C" packer. Displaced water w/oil. Set packer @3416'. Broke down formation w/lease oil at 3700#. Frac perf. from 3453 to 3516 w/15,300 gal. ref. oil w/1# sand per gal. Average inj. rate 10.6 BPM at 4400#. After 9,000 gal. treatment w/1# sand per gal. ran 50 sealer balls. No increase in pressure. On 24-hr. test, 7/16" choke, TP 420#, flowed gas at rate of 1846 Mcf/day. Flowing gas well through perforations from 3453 - 3516'.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA:

DE ELEV. 3127 TD 3725 PBD PROD. INT. 3630-3725 COMPL DATE 3-28-40

TBNG. DIA 2" TBNG. DEPTH 3702 OIL STRING DIA 7" OIL STRING DEPTH 3630

PERF INTERVAL(S) none

OPEN HOLE INTERVAL 3630 - 3725 PRODUCING FORMATION(S) Grayburg

RESULTS OF WORKOVER:

	BEFORE	AFTER
DATE OF TEST	(SI)	4-16-58
OIL PRODUCTION, BBLS. PER DAY	(water injection)	13*
GAS PRODUCTION, MCF PER DAY	=	1846
WATER PRODUCTION, BBLS. PER DAY	=	=
GAS-OIL RATIO, CU. FT. PER BBL.	=	142,000
GAS WELL POTENTIAL, MCF PER DAY	=	=

WITNESSED BY [Signature]

Humble Oil & Refining Company
(COMPANY)

OIL CONSERVATION COMMISSION

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

NAME [Signature]

NAME R. G. Jenkins

TITLE [Signature]

POSITION Agent

DATE [Signature]

COMPANY Humble Oil & Refining Company