

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(SUBMIT TO APPROPRIATE DISTRICT OFFICE AS PER COMMISSION RULE 1104)

COMPANY Humble Oil & Refining Company P. O. Box 2547, Hobbs, New Mexico
(ADDRESS)

LEASE Samuel E. Cain WELL NO. 4 UNIT E S 30 T 18-S R 19-N
DATE WORK PERFORMED 4-9-58 thru 4-29-58 POOL East Hobbs, San Andres

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 retainer @ 4471', Squeezed San Andres perf. 4479-4481' w/ 40 sacks into formation @ 2500# max. & final pressure. Perforated Grayburg from 4433-4443', 4450-4454', 4460-4463' with 2 shots per ft. Acidized perf. 4434-4469' w/ 1000 gals. LT acid, max. press. 2500#. Swabbed well 9 hrs, recovered 120 bbls. sulphur water. Squeezed 40 sacks cement into perf. from 4444-4446', 4451-4455', 4461-4469' @ 3500# max. press. Drilled cement out 44' from 4404-4444' and perforated 5 1/2" csg. from 4433-4443' w/ 2 bullets/ft. Acidized perf. from 4433-4443' w/ 1000 gals. 15% acid, Max. press. 3000#. Swabbed well 14 hrs, recovered 305 bbls. load water. Squeezed 52 sacks cement into perf. from 4433-4443', max. press. 3400#. Drilled out to 4471' and perforated 5 1/2" csg. from 4459-4467' w/ 2 bullets/ft. Acidized perf. 4459-4467' w/ 500 gals. 15% LT acid. Initial press. 3000#, final press. 2100#. Acidized perf. from 4459-4467' w/ 1000 gals. reg. acid. Initial press. 2900#, final press. 2100#. Swabbed 167 bbls. water in 14 hrs. Squeezed 12 sacks reg. neat cement in perforations 4459-4467'. Max. press. 3000#. Well shut in.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA:

DE ELEV. 3628 TD 4483 PBD 4483 PROD. INT. 4479-4481 COMPL. DATE 11-18-53

TBNG. DIA. 2" TBNG. DEPTH 4477 OIL STRING DIA. 5 1/2" OIL STRING DEPTH 4483

PERF. INTERVAL(S) 4479-4481

OPEN HOLE INTERVAL None PRODUCING FORMATION(S) San Andres

RESULTS OF WORKOVER:

	BEFORE	AFTER
DATE OF TEST	<u>11-11-57</u>	<u>4-29-58</u>
OIL PRODUCTION, BBLs. PER DAY	<u>3.08</u>	<u>Shut-in</u>
GAS PRODUCTION, MCF PER DAY	<u>4.87</u>	
WATER PRODUCTION, BBLs. PER DAY	<u>150.92</u>	
GAS-OIL RATIO, CU. FT. PER BBL.	<u>1581</u>	
GAS WELL POTENTIAL, MCF PER DAY	<u>=</u>	

WITNESSED BY J. P. [Signature]

Humble Oil & Refining Company
(COMPANY)

OIL CONSERVATION COMMISSION

NAME [Signature]
TITLE
DATE

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

NAME R. G. [Signature]
POSITION Agent
COMPANY Humble Oil & Refining Company
TTS

THE COMMISSION MUST BE NOTIFIED EVERY 6 MONTHS ON FORM C-103 AS TO THE WELL STATUS AND YOUR FUTURE PLANS FOR THIS WELL.