

11-1-284
CITIES SERVICE OIL COMPANY



Vaughn Building
Box 4906, Midland, Texas 79701
Telephone: 915 MU2-3711

January 5, 1968

New Mexico Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

MAIL ROOM

'68 JAN 8 AM 6 50

Re: NMOCC Order R-3130

Attention: Mr. A. L. Porter

Gentlemen:

Cities Service Oil Company, operator of the Southeast Maljamar Grayburg-San Andres Unit, Lea County, New Mexico, requests administrative approval for permission to inject water into the following wells:

Tract 2 Well No. 5, Unit B, Section 30, T-15-S, Range 33-E

Tract 1 Well No. 1, Unit J, Section 30, T-17-S, Range 33-E

These wells are located on an injection pattern previously established in this unit which will result in a thorough and efficient sweep of oil.

The proposed injection wells were discussed in the hearing in Case No. 3462 where it was pointed out that the wells offset the Continental Oil Company operated M C A Unit and that negotiations were underway for a co-operative water injection agreement. This agreement was entered by both Cities Service Oil Company and Continental Oil Company on December 2, 1966, and Continental commenced injection into the M C A Unit Well No. 135, Unit F, Section 30, T-17-S, Range-33-E, several months ago. For full co-operation and protection of correlative rights, it is necessary that Cities start injection into the wells herein requested.

In support of this application, the following information is submitted:

1. Plat showing location of the proposed injection wells.
2. Log of the proposed injection wells.
3. Diagrammatic sketch of the proposed injection wells.


Injection rate will be approximately 250 barrels per day into each well and water will be purchased from Continental Oil Company's M C A Unit supply wells producing from the Ogallala formation. Wells will be equipped with

corrosion resistant lined tubing and packers. Injection will be into the Premier Sand.

In the event the information contained herein is insufficient for administrative approval as provided by NMOCC Rule 701-E(5), please set the matter for hearing at the earliest possible date.

Yours very truly,

CITIES SERVICE OIL COMPANY



E. F. Motter
Region Engineer
Western Region
Production Division

EFM:mfg

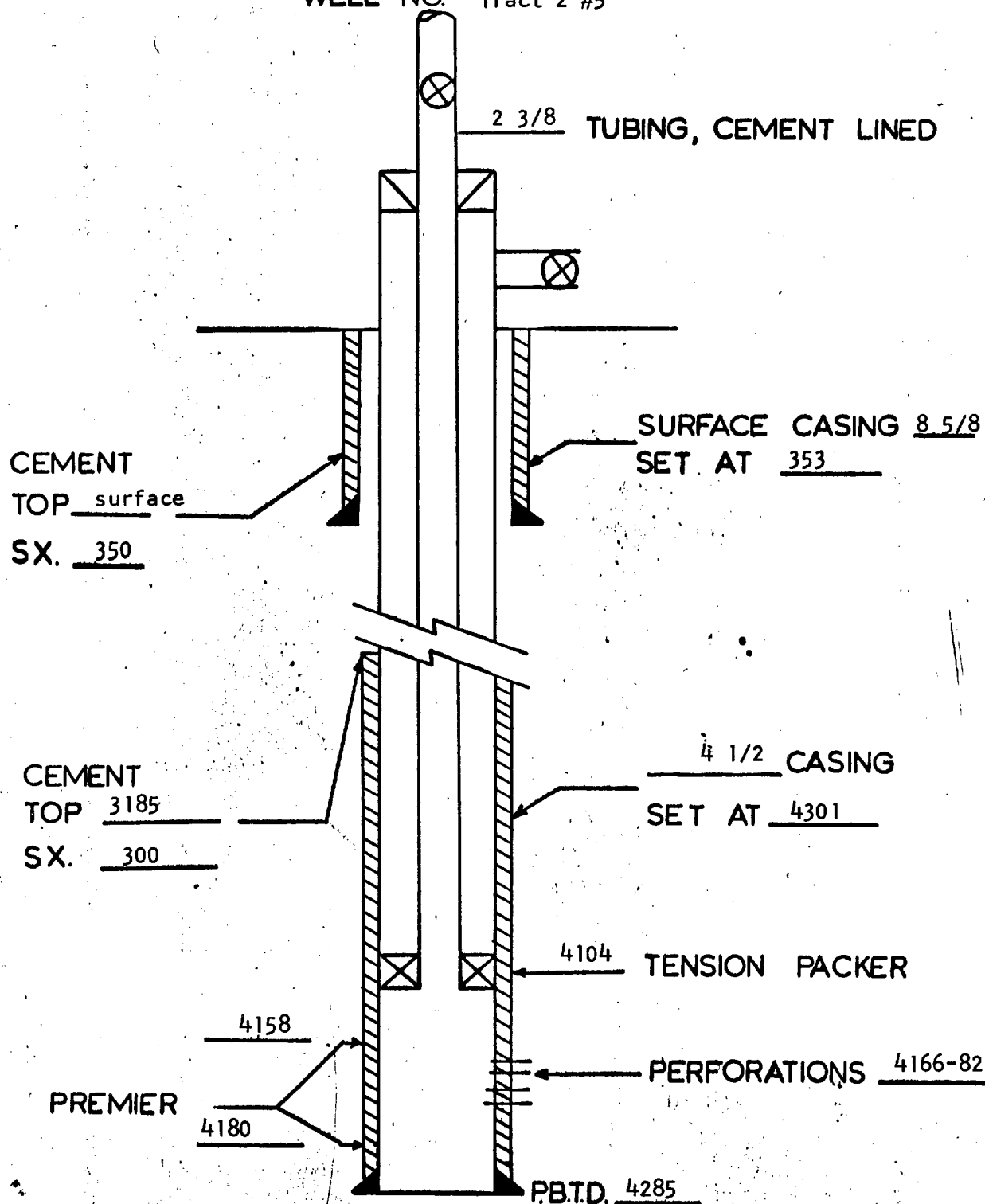
Enc.

cc: State Engineer Office
State of New Mexico
Capital Building
Santa Fe, New Mexico 87501

Continental Oil Company
P. O. Box 460
Hobbs, New Mexico 88240

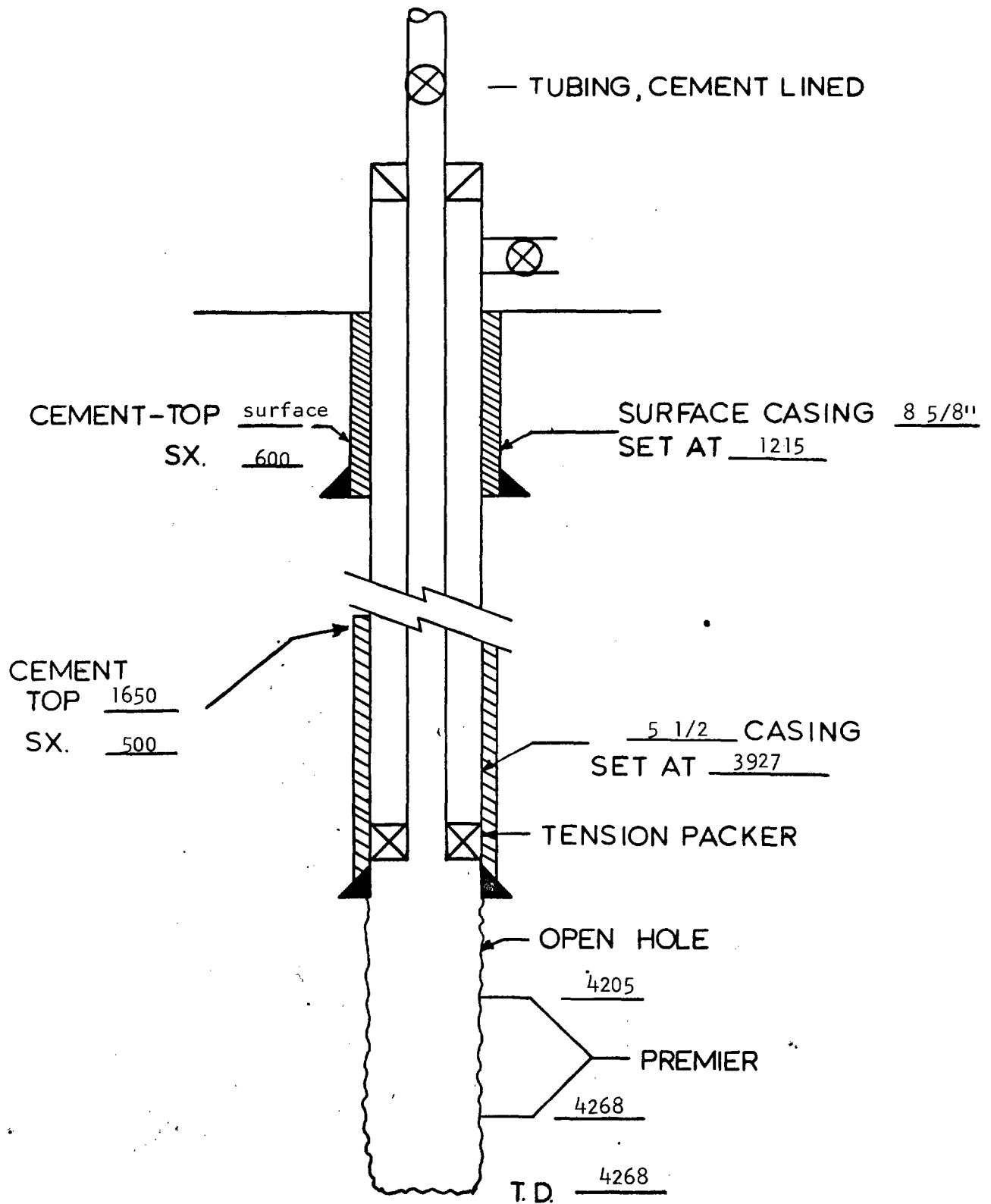
S.E.M. UNIT
CITIES SERVICE OIL CO.
WATER INJECTION WELL SCHEMATIC

WELL NO. Tract 2 #5



SEMI UNIT
CITIES SERVICE OIL CO.
WATER INJECTION WELL SCHEMATIC

WELL NO. 1-1



NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County						
Cities Service Oil Company		Paljauer Grayburg S n Andres		Lee						
Address		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Scheduled <input type="checkbox"/>		Special <input checked="" type="checkbox"/>				
Box 12, 10005, New Mexico		DATE OF TEST		LENGTH OF TEST HOURS		GAS - OIL RATIO CU.FT. BBL.				
LEASE NAME	WELL NO.	LOCATION			DAILY ALLOW-ABLE	PROD. DURING TEST			GAS M.C.F.	
		U	S	T		R	WATER BBLs.	GRAV. OIL		OIL BBLs.
SHOSAU Tract 2	3	6	30	1 1/5	33E	11-3-57	Tr. 37	15	1577	
Test was done by snubbing - after stabilization occurred, 2 BBLs was supposed by the well.										

No well will be assigned an allowable greater than the amount of oil produced on the official test.

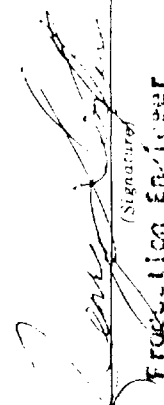
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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


(Signature)
Production Engineer
(Title)
January 11, 1958
(Date)

Halliburton
PATENTED PROCESS
Oil Well Cementing Co.

WELL LOG

Company MILLERS PETROLEUM CORPORATION

Well U. S. MINERALS # 1

Field El Jumar

County Lea State New Mexico

Location _____

Company MILLERS PETROLEUM CORPORATION
Well U. S. MINERALS # 1
Field El Jumar
County Lea State New Mexico

All Depths Referred To Top Battery Table Elevation _____ Ft.

Log Begins At 3913 Ends At 4007 Ft.

HOLE DIMENSIONS

Casing Size 5 1/2" To 3913 Hole Size 4" To 4007

To _____ To _____ To _____ To _____

MUD CHARACTERISTICS

Mud Impedance _____ Ohms Weight _____ Lbs. per Gal.

Viscosity _____ Seconds Type Oil

REMARKS

Reference point 10' above ground.

Temp. in degrees F.

Cont. - M.C.A.

Pennzoil

Sunset

Pennzoil

CITIES SERVICE OIL CO.
Southeast Maljamar Grayburg—
San Andres Unit
T 17 S, R 33 E
LEA CO., NEW MEXICO

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