

(SUBMIT IN TRIPLICATE)

U. S. Land Office, Santa Fe

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MAY 01 1991

UNITED STATES GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**RECEIVED**  
MAR 17 1943  
Reswell New Mexico

Lease or permit No. 045578

077056

OIL CONSERVATION DIV.  
DIST. 2

**SUNDRY NOTICES AND REPORTS ON WELLS**

30-045-08238

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 15, 1943

Well No. 2 is located 1320 ft. from N line and 1570 ft. from W line of sec. 18

SW 1/4 Section 18 (1/4 Sec. and Sec. No.)    29 North 11 West (Twp.) (Range)    N. M. P. M. (Meridian)  
Fulcher Basin (Field)    San Juan (County or Subdivision)    New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5755 ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The objective sand is the Pictured Cliff, the top of which is expected at about 1880 feet. The producing string will be 5 1/2" O.D., 14# seamless casing, which will be cemented by Halliburton with 50 sacks cement. Surface, drilling and producing strings will be set, if and when needed, approximately as follows:

- 20 feet 16" O.D. Cemented
- 600 feet 13" O.D. 50# Aquajel
- 900 feet 10-3/4" O.D. 40# "
- 1400 feet 8-5/8" O.D. 32# "
- 1880 feet 5-1/2" O.D. 14# Cemented

Well to be drilled with Ft Worth Spudder. Total depth to be approximately 1980'. Drilling strings will be pulled upon well completion and the annular space filled with mud or aquajel.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Union Production Company

Address 1104 Dart Building

Dallas, Texas

By J. C. Reid  
J. C. Reid

Title Vice President

Oil and Gas Leasing Division

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
BOX 997  
ROSWELL, NEW MEXICO  
March 25, 1943

RECEIVED

MAY 01 1991

OIL CON. DIV.  
DIST. 3

Southern Union Production Company  
1104 Burt Building  
Dallas, Texas

Santa Fe 077056

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill"  
dated March 15, 1943 covering Cozzens No. 1 on the  
subject land in SW  $\frac{1}{4}$ , Sec. 18 T. 29 N R. 11 W. You outline details  
of proposed work as follows:

"The objective sand is the Pictured Cliff, the top of which is expected at  
about 1880 feet. The producing string will be 5 $\frac{1}{2}$ " O.D., 11# seamless casing,  
which will be cemented by Halliburton with 50 sacks cement. Surface, drilling  
and producing strings will be set, if and when needed, approximately as follows:

20 feet	16" O.D.	Cemented
600 feet	13" O.D.	50# Aquajel
900 feet	10-3/4" O.D.	40# "
1400 feet	8-5/8" O.D.	32# "
1880 feet	5-1/2" O.D.	11# Cemented

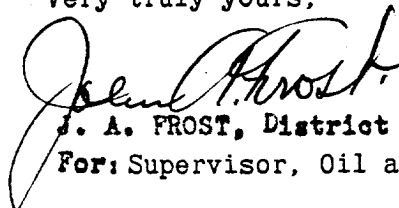
Well to be drilled with Ft. Worth Spudder. Total depth to be approximately 1980'.  
Drilling strings will be pulled upon well completion and the annular space filled  
with mud or aquajel."

Your proposed work is hereby approved subject to compliance with  
the provisions of Section 2 of the "Oil and Gas Operating Regulations",  
revised November 1, 1936, copy of which will be sent you on request.

See attached sheet for general and special conditions of approval.

Records and written notices relating to these well operations must  
be submitted to this office in accordance with Section 5 of said operating  
regulations. Any proposed change of detail of the work outlined above  
must be submitted to this office on Form 9-331a in triplicate and ap-  
proval obtained before such work is commenced.

Very truly yours,



J. A. FROST, District Engineer,  
For: Supervisor, Oil and Gas Operations.

JAF:is  
165609

PLEASE READ BEFORE STARTING OPERATIONS

Because suspension of field operations will be required by the District Engineer for failure to comply with the Operating Regulations and the conditions of drilling approval, particular attention is called to those general and special requirements most likely to be overlooked by the operator:

GENERAL

1. All drilling and producing wells shall be permanently marked in a conspicuous place with the name of operator, lease name, well number, and location. Necessary precautions must be taken to preserve such signs.
2. Any desired change of drilling plan or conditions of approval must have the written approval of the District Engineer BEFORE the change is made.
3. Production string must be set at top of pay, and completion made with a reasonable gas-oil ratio.
4. Before work is started written approval must be obtained and after work is completed results must be reported to the U. S. Geological Survey by submitting complete information in duplicate on form 9-331a, covering:
  - a. Mudding or cementing, including proposed date and method of testing water shut-off.
  - b. Drill-stem tests or perforating.
  - c. Casing alterations, packer settings, or repairs of any kind.
  - d. Shooting, acid treatment, deepening or plugging back.
  - e. Gas-lift installations.
  - f. Drilling of water wells..
5. Monthly report of operations, in duplicate, on form 9-329, must be submitted promptly each month beginning with spudding of the first well on a permit or lease and continuing until approved abandonment of all drilling and producing operations.
6. Log, in duplicate, on form 9-330, must be submitted within 10 days of reaching temporary or permanent drilling depth. Copies of all electrical logs, cutting logs, drilling-time logs, and any other well information not given on the standard form, should be attached to same.
7. Separate application to drill any water well on federal land is required, and special procedure is necessary for abandonment of any well having a desirable water supply.
8. All wells and lease premises shall be maintained in first class condition with due regard to safety, conservation, appearance, and refuse disposal.
9. The notice of intention to drill any well is rescinded without further notice if drilling is not started within 90 days of approval.
10. Cement must be allowed to set a minimum of 72 hours on all strings of casing prior to drilling the plug.

SPECIAL (None, if so indicated.)

1. This notice is approved subject to the condition that drilling operations so authorized shall be in conformity with the terms and conditions of WPD (formerly OMP) Conservation Order 12-68 or any modification or amendment thereof that hereafter may be issued.