

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces

Lease No. 042620

Unit Mineral Model

SUNDRY NOTICES AND REPORTS ON WELLS

JUN 28 1951

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	Off. Cons. Comm.
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	Artesia Office
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	<input checked="" type="checkbox"/>		

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

W. P. Thurston No. 1 Hobbs, New Mexico, 1951

Well No. 1 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 11

NE/4 Sec. 11
(1/4 Sec. and Sec. No.)

16-S
(Twp.)

27-E
(Range)

N.M.P.M.
(Meridian)

Wildcat
(Field)

Eddy
(County or Subdivision)

New Mexico

The elevation of the derrick floor above sea level is 3669 ft.

DETAILS OF WORK

ILLEGIBLE

(State names of and expected depths to objective sands; show sizes, weights, and lengths of casing points, and all other important proposed work)

This well was drilled to total depth of 10,770' in granite. The following drill stem tests were made while drilling:

DST #1 from 1649-1710', tool open 1 hr. Light blow air for 10 mins. & died. Recovered 8' drilling mud; no oil, gas, or water. (San Andres)

DST #2 from 2160 to 2190', tool open 1 hr. Light blow air. Recovered 50' drilling mud. (San Andres)

DST #3 from 6315-6345', tool open 1 hr. Light blow of air for 3 mins. Recovered 30' very slightly gas cut mud, no show of oil. (Huaco)

(Continued on attached sheet)

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

Company Continental Oil Company

Address Box 62,

Hobbs, New Mexico

By E. L. Schaefer

Title District Superintendent

The following information is provided for your reference:

1. The person's name is [Name].

2. The person's date of birth is [Date].

3. The person's address is [Address].

4. The person's contact information is [Contact Information].

5. The person's occupation is [Occupation].

6. The person's education level is [Education Level].

7. The person's marital status is [Marital Status].

8. The person's religious affiliation is [Religious Affiliation].

9. The person's political affiliation is [Political Affiliation].

10. The person's social security number is [Social Security Number].

11. The person's driver's license number is [Driver's License Number].

12. The person's passport number is [Passport Number].

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DETAILS OF WORK (Continued):

DST #4 from 7178 to 7221', tool open 90 mins. Light blow throughout test. Recovered 15' heavily gas-cut drlg. mud. (Pennsylvanian)

DST #5 from 7296 to 7330', tool open 1 hr. 40 mins. Light blow of air throughout test. Recovered 60' gas cut mud. (Pennsylvanian)

DST #6 from 7338 to 7431', tool open 3 hrs., light blow of air throughout test. Recovered 60' oil and gas cut drilling mud, 120' salt water. (Pennsylvanian)

DST #7 from 8215 to 8266', gas to surface in 23 mins. Tool open 3 hrs. Recovered 60' gas cut drilling mud. (Pennsylvanian)

DST #8 from 8426 to 8525', tool open 1 hr. 30 mins. Rec. 40' slightly gas cut mud; no oil or water. (Pennsylvanian)

DST #9 from 8548 to 8628', tool open 1 hr. 30 mins. Rec. 30' heavily gas cut mud. (Pennsylvanian)

DST #10 from 8755 to 8802', tool open 1 hr. 30 mins. Strong blow air. Gas to surface in 1 hr. 10 mins. Rec. 40' heavily gas cut mud, no oil or water. (Pennsylvanian)

DST #11 from 9546 to 9593', tool open 1 hr. Light blow for 7 mins., died. Recovered 10' drilling mud. (Devonian)

DST #12 from 9593 to 9631', tool open 30 mins. Rec. 2' drilling mud. Light blow of air for 1 min. (Devonian)

DST #13 from 9819' to 9915', tool open 1 hr. 30 mins. Rec. 7500' sulphur water. (Devonian)

DST #14 from 10,315 to 10,371', tool open 1 hr., light blow of air for 40 mins., died. Recovered 40' drilling mud. (Ellenburger)

DST #15 from 10,370 to 10,447', tool open 45 mins. Weak blow air for 20 secs. Recovered 1750' water blanket plus 105' sulfur and slightly salty water cut drlg. mud. (Ellenburger)

DST #16 from 10,447 to 10,581', tool open 1 hr. 30 mins. Good blow of air throughout test. Recovered 480' salty sulfur water, no oil or gas. (Ellenburger)

DST #17 from 10,580 to 10,770', light blow of air for 13 mins., tool open 30 mins. Recovered 1900' water blanket and 30' drilling mud. (Ellenburger & Pre-Cambrian)

Formation tops as determined from electrical log and samples description are:

Top Pre-Cambrian	10,748'	Top Devonian	9,547'	Top Abc	5,070'
Top Ellenburger	10,295'	Top Mississippian Line	9,005'	Top Tubb	4,382'
Top Simpson	10,255'	Top Pennsylvanian	6,742'	Top Glorietta	2,970'
Top Montoya	10,110'			Top San Andres	1,610'

Since commercial oil or gas was not encountered, the following 100-ft. cement plugs are being placed in the hole in accordance with Mr. E. L. Shafer's telephone conversation with Mr. Knauf of the U.S. Geological Survey's Artesia office: 10,670-10,770'; 10,230-10,330'; 9,480-9,580'; 6,690-6,790'; 1,580-1,680'; balance of hole to be filled with 12# mud; 9 5/8" casing is set at 1627' with top of cement behind pipe at 625' by temperature survey. Top Artesian water sand at 865'.

DETAILS OF WORK (Continued)

Casing pulling unit will be moved in and attempt made to recover 600' of 9 5/8" casing. 100' cement plug will be placed across point at which pipe is shot off and top 50 ft. of hole filled with cement. Balance of hole to be filled with 12# mud. Appropriate marker will be erected and location restored to its original condition.