

Form 9-331a
(Feb. 1961)

5-USGS
1-WD
1-D
1-F

Budget Bureau No. 42-R368.4.
Approval expires 12-31-60.

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. SF-078094
Unit _____
Hancock Federal #2

SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|---|---|---|
| NOTICE OF INTENTION TO DRILL..... | X | 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 RE-DRILLING 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)

11/10, 1961

Well No. 2 is located 1140 ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 790 ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of sec. 14
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14 27N 11W NMPM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Basin Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6247.7 ft. G.L.

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)

Propose to drill with rotary tools to an approximate depth of 6650 feet or to test the Dakota formation. Casing program will be as follows:

10 3/4" 32.50# surface set @ approximately 200' w/160 sx cement.
4 1/2" 10.50# set @ total depth with 400 sx cement, or cement to cover the Gallup formation.

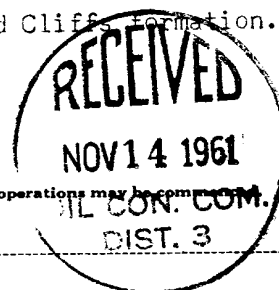
A DV tool will be placed for the protection of the Pictured Cliffs formation.
Will perforate and sand-water frac the Dakota formation.

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

Company Southwest Production Company

Address 207 Petr. Club Plaza
Farmington, New Mexico

Original signed by
By Carl W. Smith
Title Production Superintendent



NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date

11/10/61

Operator SOUTHWEST PRODUCTION COMPANY Lease Harriet Edward #2 87-470000
 Well No. _____ Unit Letter M Section 14 Township 27 NORTH Range 11 WEST, NMPM
 Located 7140 Feet From the SOUTH Line, 790 Feet From the WEST Line
 County SAN JUAN G. L. Elevation 6247.7 Graded Dedicated Acreage 2/320 Acres
 Name of Producing Formation _____ Pool Acia Dakota

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes _____ No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

~~Southwest Production Company~~
 (Operator)

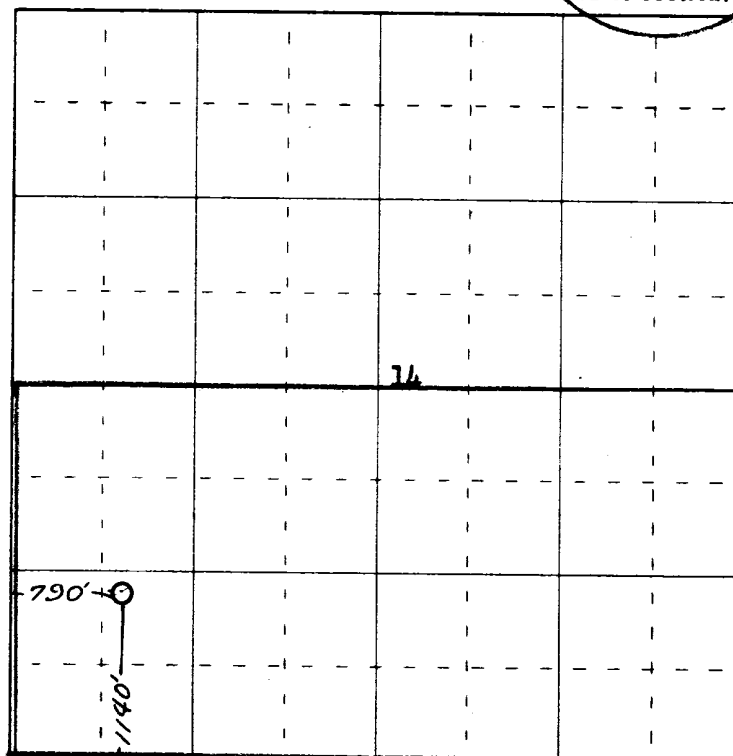
Original signed by
 Carl W. Smith (Representative)

~~207 Petr. Club Plaza~~
 (Address)

~~Farmington, New Mexico~~

Ref: GLO plat dated 19 July 1915

Note: All distances must be from outer boundaries of section.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 21 September 1961

James P. Leese
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese N. Mex. Reg. No. 1463
 San Juan Engineering Company

