

(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 21-0172-A
Unit Acid

SUNDRY NOTICES AND REPORTS ON WELLS

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	OCT 1 1960
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)

September 30, 1960

Well No. 21-D is located 1840 ft. from S line and 930 ft. from W line of sec. 19

SW 1/4, Section 19 (1/4 Sec. and Sec. No.) 20N (Twp.) 6W (Range) T.1N. R.1E. (Meridian)

Angel Peak Extension (Field) Santa Fe (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5906 ft. (Ground Elevation)

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: Set 300 feet of 8 1/8" surface casing and cement to surface.

Drill with rotary to approximate total depth of 6560 feet or through Dakota formation, run 4 1/2" production casing to total depth. Cement production string with 200 sz. Set two stage cement collar approximately 100 feet below the Pictured Cliffs formation and cement with 150 sz. Perforate Dakota formation with four shots per foot.

Sand-water free with 80,000 lbs sand and 80,000 gals. water. Run 2 1/8" tubing.

South one-half of Section 19, 32.26 acres, dedicated to this well.

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

Company Asarco Oil and Gas Company

Address Drawer 570

Farrington, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON

By Joe C. Salmon

Title District Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date September 19, 1960

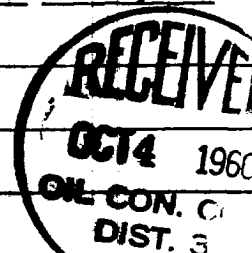
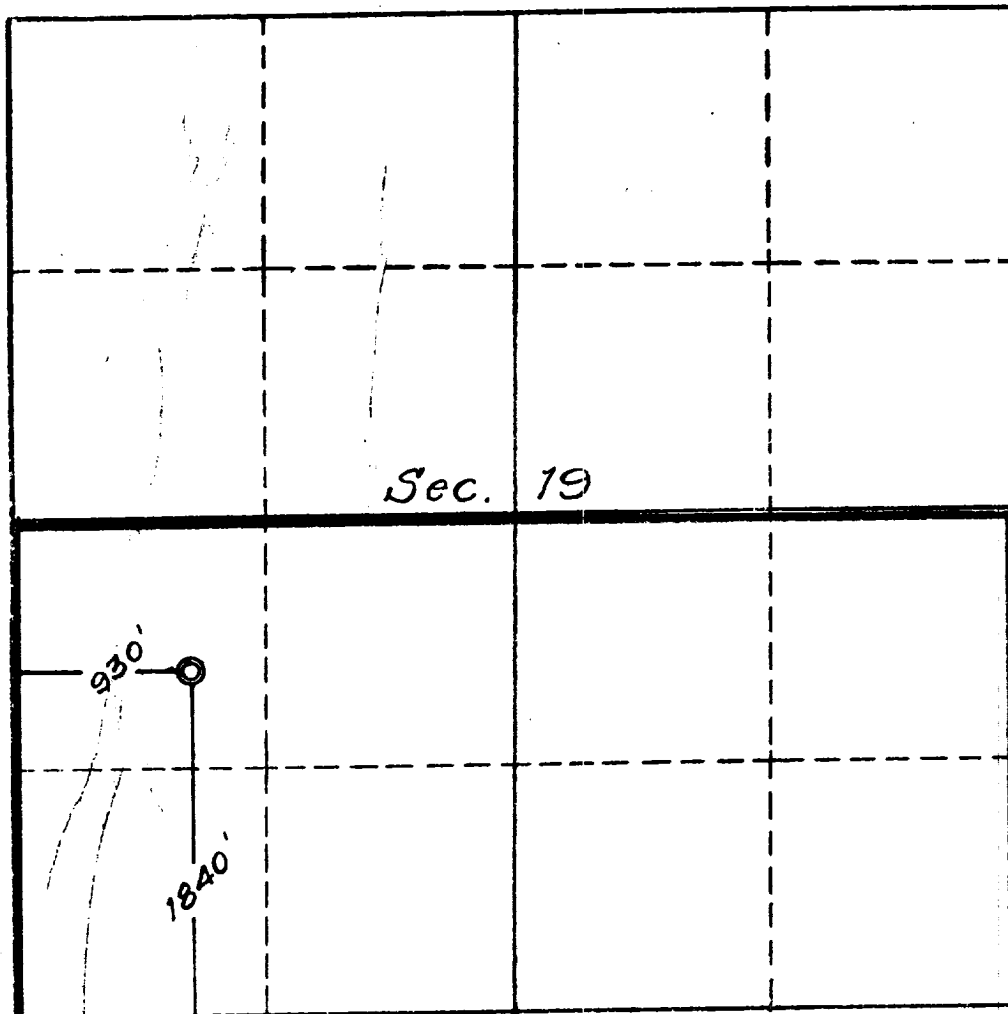
Operator Astec Oil and Gas Company Lease Reid
Well No. 21-D Unit Letter I Section 19 Township 28N Range 9W NMPM
Located 1840 Feet From South Line, 930 Feet From West Line
County San Juan G. L. Elevation 5906 Dedicated Acreage 302.28 Acres
Name of Producing Formation Dakota Pool Angel Peak Extension

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes XXXX 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.

Astec Oil and Gas Company
(Operator)

ORIGINAL SIGNED BY JOE C. SALMON

(Representative)

Drawer 570, Farmington, N.M.
Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 9-8-60

Ernest V. Echohawk
Registered Land Surveyor.

Certificate No. 1545