

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 87-080761  
Unit Chin

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
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)

Chin No. \_\_\_\_\_ May 21, 1961

Well No. 12-5 is located 790 ft. from N line and 790 ft. from E line of sec. 16

22-1, Section 16 22N 10E N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5069 ft. (Ungraded 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 ft. of 4 3/8" surface casing and cement to surface. Drill with rotary to approximate total depth of 1400 ft. or through Dakota formation. Set 4 1/2" production casing at total depth and cement with 250 cu. Set two-stage cement collar approximately 100 ft. below the Pictured Cliffs formation and cement with 150 cu.

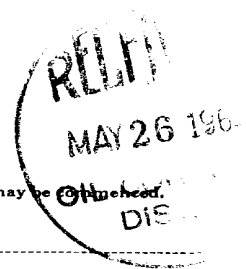
Perforate Dakota formation and sand-water frac with 80,000; sand and 80,000 gals. water. Run 2 1/8" tubing.

Lease one-half, 320 acres, Section 16, dedicated to well.

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

Company Artes Oil and Gas Company  
Address P. O. Drawer 570  
Farmington  
New Mexico

By Joe C. Salton  
Title District Superintendent



NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

## SECTION A.

Date **May 22, 1961**

Operator **Astec Oil and Gas Company** Lease **Cain**  
 Well No. **12-D** Unit Letter **A** Section **16** Township **28N** Range **10W** NMFM  
 Located **790** Feet From **North** Line **790** Feet From **East** Line  
 County **San Juan** G. L. Elevation **5869** Dedicated Acreage **320** Acres  
 Name of Producing Formation **Dakota** Pool **Basin**

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

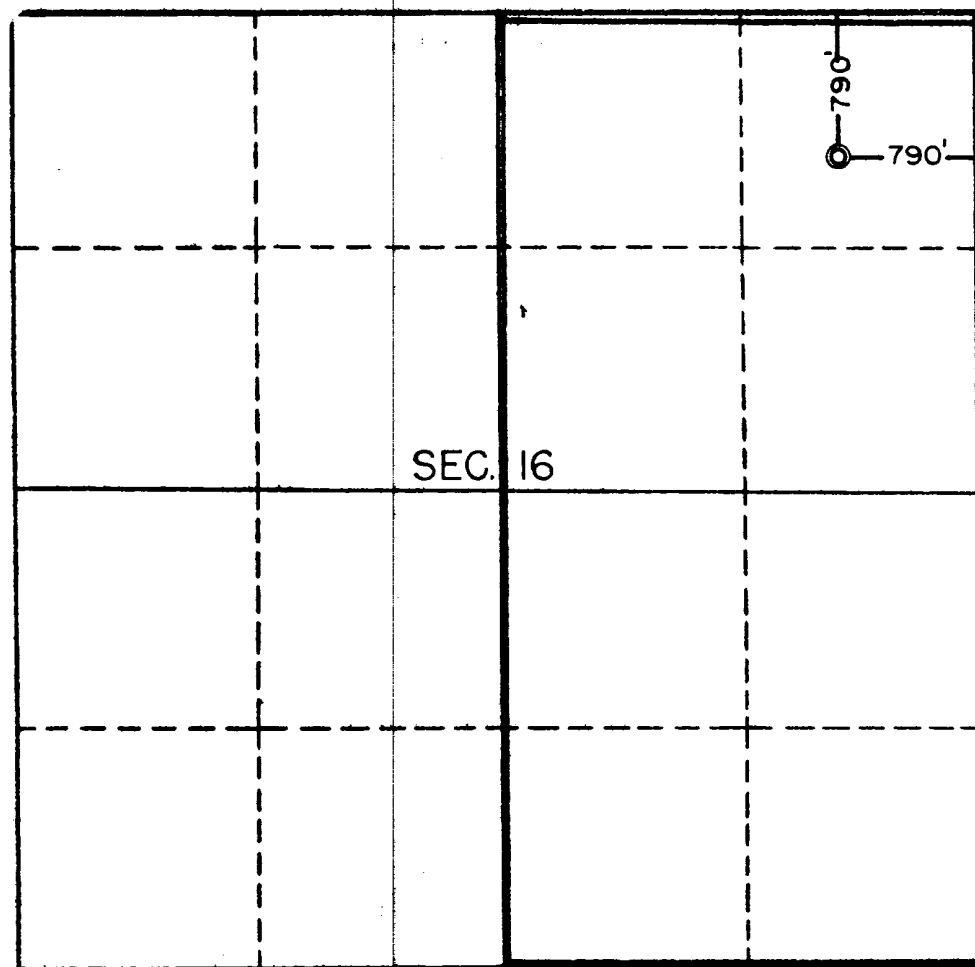
LAND DESCRIBED

RECEIVED

MAY 26 1961

OIL CON. COM.  
DIST. 3

## 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)

**Joe C. Salmon, Dist. Supt.****Engineer 570, Farmington, N.M.**

(ADDRESS)

This is to certify that the information shown on the plat above was plotted from the actual survey made by me or my superior and is true and correct to the best of my knowledge and belief.

Date Surveyed **May 3, 1961**

**Four States Engineering Co.**  
 FARMINGTON, NEW MEXICO

*C. L. Stett*  
 REGISTERED ENGINEER OR  
 LAND SURVEYOR

Certificate No. **3084**