

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 077317
Unit Cooper

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)

May 31, 1961

Well No. Cooper 4-D is located 955 ft. from N line and 1520 ft. from E line of sec. 18
NE 1/4, Section 18 29N 11W N.M.P.M.
(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 5718 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 8 5/8" surface casing and cement to surface. Drill with rotary tools to approximate Total Depth of 6570 ft. or through Dakota formation. Set 4 1/2" production casing and cement with 250 sx. Set two-stage cement collar below Mesaverde formation and cover Pictured Cliffs and Mesaverde formations with 300 sx.

Perforate Dakota formation. Sand-water free with approximately 80,000 gal. sand and 80,000 gals. water. Run 2 3/8" tubing.

North one-half of Section 18, 317.05 acres, 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 Astec Oil and Gas Company

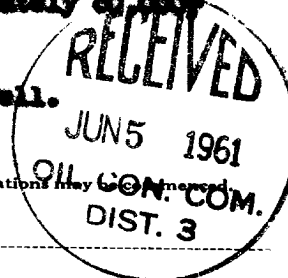
Address P. O. Drawer 570

Farmington, 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.

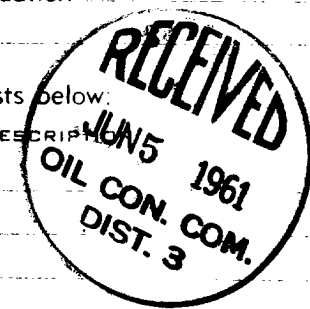
Date **May 24, 1961**

Operator **Astec Oil and Gas Company** Lease **Cooper**
 Well No. **4-D** Unit Letter **B** Section **18** Township **29N** Range **11W** NMPM
 Located **955** Feet From **North** Line, **1550** Feet From **East** Line
 County **San Juan** G. L. Elevation **5718** Dedicated Acreage **317.05 North** Acres
 Name of Producing Formation **Dakota** Pool **Basin**

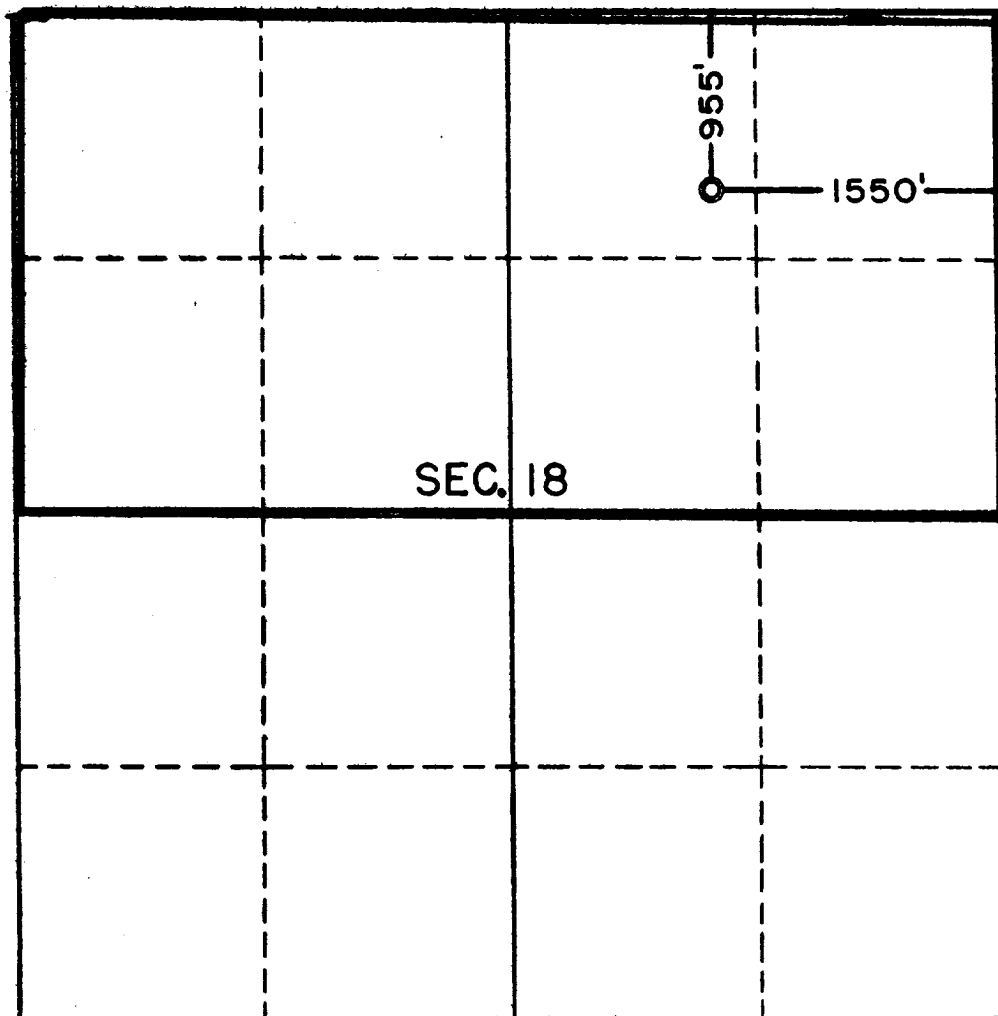
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes **XXX** No
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "Yes," Type of Consolidation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

OWNER

LAND DESCRIPTION



SECTION B.

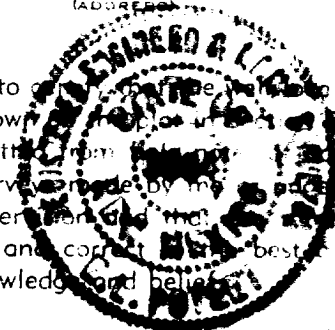


This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Astec Oil and Gas Company
(OPERATOR)

ORIGINAL SIGNED BY JOE C. SALMON
(REPRESENTATIVE)
Joe C. Salmon, Dist. Supt.
Drawer 570, Farmington, N.M.
(ADDRESS)

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



Date Surveyed **May 22, 1961**
Four States Engineering Co.
 FARMINGTON, NEW MEXICO

E. L. Poter
 REGISTERED ENGINEER OR
 LAND SURVEYOR

Certificate No. **3084**

