

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 97557  
Unit 3414

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>		<input type="checkbox"/>

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

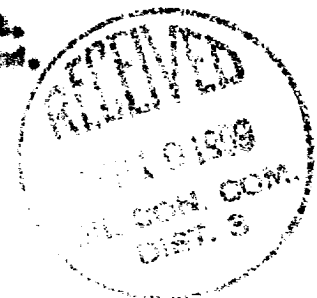
3414 September 8, 1959  
Well No. 13 is located 1690 ft. from S line and 990 ft. from E line of sec. 14  
24 Section 18 24 74 S. R. P. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Astoria-Pictured Cliffs San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5753 ft. (measured ground)

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 90' of 3 1/2" surface casing, with 100 sacks cement.  
Will through Pictured Cliffs formation to a total depth of 2100'  
Set 1 1/2" casing at total depth with 100 sacks cement  
Perforate Pictured Cliffs formation with 1 shot per foot.  
Sand-water free with 10,000 gallons water and 10,000 sand.  
Run 1" tubing.



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

Company Astoria Oil and Gas Company

Address Box # 795,

Permian, New Mexico

By ORIGINAL SIGNED BY JOE C. SALMON

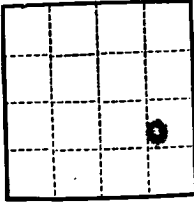
Title District Superintendent

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. W7 01772-4  
Unit 4014



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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)

Well No. 13 is located 1650 ft. from S line and 990 ft. from E line of sec. 13  
Section 13 (1/4 Sec. and Sec. No.) T-28N (Twp.) R-9E (Range) S. 1. P. M. (Meridian)  
Astec-Indian Wells (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5753 ft.

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)

Well was cased 9/17/59  
 Set 95' of 5/8" surface casing at 97' with 100 sacks cement  
 Tested casing with 100# pressure for 30 minutes. No leaks.  
 Drilled cement plug 9/23/59  
 Tested with 100# pressure for 30 minutes.  
 No flow or pressure.



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 Box 1734

Laramie, New Mexico

By ORIGINAL SIGNED BY JOE C. SALMON

Title District Supervisor

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.