



(SUBMIT IN TRIPLICATE)

 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY
Budget Bureau No. 42-R359.4  
Approval expires 12-31-60.Indian Agency JicarillaApache

Allottee \_\_\_\_\_

Lease No. 36

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL		

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

November 2119 61

Haynes Apache  
 Well No. 1 is located 1850 ft. from N line and 790 ft. from W line of sec 9

SE 1/4 Sec. 9  
 (1/4 Sec. and Sec. No.)

T24N  
 (Twp.)

R5W  
 (Range)

NMPM  
 (Meridian)

H. E. Haynes  
 (Field)

Rio Arriba  
 (County or Subdivision)

New Mexico  
 (State or Territory)

RECEIVED

NOV 22 1961

OIL CON. COM.  
DIST. 3

The elevation of the derrick floor above sea level is 6535 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)

Spudded 9-9-60 and drilled with rotary tools to 6640' T.D. Set 13 3/8" casing @ 220' RB. Cemented w/170 sks. regular. Set 4 1/2" Dakota casing @ 6958' w/2 stage Mesa Verde collars at 4713'. Set 2 7/8" Greenhorn casing at 6640' w/bull plug on end. Set 4 1/2" Gallup casing @ 5394' w/2 stage Pictured Cliffs collars @ 2458'. Cemented Dakota and Greenhorn thru shoe w/300 sks. Cemented Gallup thru shoe with 380 sks. Cemented Mesa Verde thru stage collar @ 4713' w/500 sks. Cemented Pictured Cliffs thru stage collar @ 2458' w/300 sks. Released rotary rig 10-13-60 and moved in completion rig. Drilled out stage collars in 4 1/2" Gallup and Dakota strings. Perforated 4 1/2" Dakota casing w/4 shots per ft., 6726'-6728', 6754'-6784'. Perforated 2 7/8" Greenhorn (Over)

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

Company Continental Oil CompanyAddress Box 3312Durango, ColoradoOriginal Signed By:  
H. D. HALEY

By \_\_\_\_\_

Title District SuperintendentUSGS(3) ~~WCC~~(2) GHG HDH

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(Continued)

casing w/2 shots per ft. with oriented perforator from 6522'-6594'. Perforated 4 1/2" Gallup casing w/2 shots per ft. with oriented perforator from 5760'-5818'. Sand-water fraced Dakota w/58,000# sand, 1258# J-101, 42 sks. CaCl. Sand-oil fraced Greenhorn w/11,000# sand, 23,646 gals. crude, 1050# Mark II Adomite. Sand-oil fraced Gallup w/35,000# sand, 1750# Mark II Adomite, 43,764 gals. crude. Well triple completed as oil well in Lower Gallup, oil well in Greenhorn Limestone, gas well in Dakota. Gallup IPP 40 BOPD, GOR 620, Gravity 42.3° API. Greenhorn IPP 10 BOPD, GOR 740, Gravity 41.6° API. Dakota IPP (test) 883 MCFGPD against 500 psi line pressure. Plan to open up Mesa Verde gas in 4 1/2" Dakota string for a gas-gas dual in the 4 1/2" string. If Greenhorn proves non-commercial, plan to plug 2 7/8" string back to the Pictured Cliffs formation. Well presently shut-in pending gas connection.