

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Navajo Apache

Allettee _____

Lease No. 45

Section 22

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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		

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

April 27, 19 61

Navajo Apache

Well No. 22-1 is located 2000 ft. from [S] line and 1900 ft. from [E] line of sec. 22

22/4 Section 22
(1/4 Sec. and Sec. No.)

T25N
(Twp.)

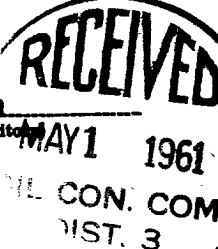
R14W
(Range)

100W
(Meridian)

Undersigned
(Field)

Navajo County
(County or Subdivision)

New Mexico
(State or Territory)



The elevation of the derrick floor above sea level is 7291 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 10-24-60 and drilled with rotary tools to 8077' I.D.. Set 13 3/8" casing at 504' KB. Cemented with 450 sacks reg. with 1/2 calcium chloride. Set 1/2" Dakota casing at 8077' with 2 stage Mason Verde collar set at 6044'. Set 2 7/8" Greenhorn casing at 7886' with bull plug on end. Set 1/2" Gallup casing at 7342' with 2 stage Pictured Cliffs collar at 3771'. Cemented Dakota with 270 sacks, tested O.K. to 1800 psi. Cemented Gallup with 345 sacks, tested O.K. to 1800 psi. Cemented through Mason Verde stage collar at 6044' with 550 sacks and closed stage collar with 2800 psi. Cemented through Pictured Cliffs stage collar at 3771' with 300 sacks and closed stage collar with 2800 psi. Balanced rotary rig 12-11-60 and moved on completion rig. Drilled out stage collar in Gallup. Tested Gallup stage collar with 1700', held 30 minutes O.K.. Drilled cement and stage collar, bottom at 7303'. Tested Dakota stage collar with 1400', held 30 minutes O.K.. Drilled cement and stage collar, bottom at 8032'. Tested Dakota

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

Company Continental Oil Company

Address P. O. Box 1312

Deming, Colorado

Original Signed By:
By H. D. HALEY

Title District Superintendent

O.K. with 1700#. Perforated Dakota "J" with 4 bullets per foot from 8021' to 8040', 7972' to 7996', and 7942' to 7932'. Perforated Greenhorn with 2 jets per foot from 7886' to 7766'. Perforated Lower Gallup with 2 shots per foot from 7832' to 7812' and 7802' to 7142'. Acidized Greenhorn with 2000 gallons 15% HCL. Sandfracs'd Gallup with 50,000# sand, 1850# ADMIXT, and 39,396 gallons crude. Sandfracs'd Dakota with 40,000# sand, 1850# ADMIXT, and 40,000 gallons crude. Filled in with 500# aluminum pellets mixed with 10,000 gallons crude. Set bridge plug at 7915' between Dakota "D" and "J". Set bridge plug at 7120' between Upper and Lower Gallup. Perforated Upper Gallup with 2 jets per foot from 6990' to 7090'. Perforated Dakota "D" with 4 shots per foot from 7030' to 7074' and 7040' to 7098'. Sandfracs'd Dakota with 50,000# sand, 2500# ADMIXT, and 500# aluminum pellets mixed with 60,000 gallons crude. Sandfracs'd Gallup with 50,000# sand, 2750# ADMIXT, and 50,000 gallons crude. Drilled out Gallup bridge plug at 7120' and cleaned out to 7320'. Drilled out Dakota bridge plug at 7915' and cleaned out to 8050'. Greenhorn scrubbed 1 B/W per day out 50% acid and 50% acid water. Set Halliburton plug in 2 7/8" Greenhorn casing at 7343'. Tested O.K. with 2000 psi. Greenhorn shut-in at non-commercial. Plan to open 2 7/8" casing to New Verde when gas sales contract is obtained. I.F.P. Dakota "D" and "J", 61 BOPD on 3-15-61, GOR 643, Gravity 13° API. Gallup I.F.P. 95 BOPD on 3-2-61, GOR 3730, Gravity 14° API. Full completion in the Gallup and Dakota formations.