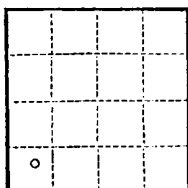


(SUBMIT IN TRIPLICATE)

Indian Agency NavajoUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-2084

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
NOTICE OF INTENTION TO ABANDON WELL	XX

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

August 4, 1964

Well No. 1 is located 570 ft. from N line and 735 ft. from E line of sec. 33
SW/4 SW/4 27N 15W 6
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5389.7 ft.

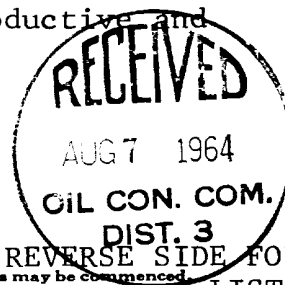
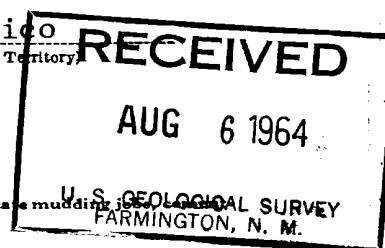
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding, cementing, and all other important proposed work)

12 1/4" hole was drilled to 178' - 5 jts. of 8-5/8 J-55 24# casing was set at 172. Cement with 70 sacks of neat cement. Cement set 24 hours. casing was tested 1000# for 30 minutes. 6 3/4" hole was drilled to total depth of 4550'. Induction ES indensity formation log was run. No cores or tests are taken. Well was found to be non-productive and was plugged as dry and abandoned as follows:

Plug #1 - 4450' to 4550' - 25 sacks of cement
Plug #2 - 3950' to 4050' - 25 sacks of cement
Plug #3 - 750' to 850' - 25 sacks of cement
Plug #4 - 400' to 500' - 25 sacks of cement
Plug #5 - 30' to 0' - 10 sacks of cement

4" OD steel marker placed in top of surface casing (SEE REVERSE SIDE FOR LIST OF TOPS)

Company Miami Oil Producers, Inc.Address P O Drawer 2040Abilene, TexasBy [Signature]
Title Vice President

Picture Cliff	- 473'	+ 4959
Lewis Shale	605'	+ 4827
Mesa Verde	817'	+ 4615
Point Lookout	2980'	+ 2452
Mancus	3160'	+ 2272
Gallup	4020'	+ 1412
Lower Gallup	4178'	+ 1254
Sanastee	4487'	+ 945

TOTAL DEPTH 4550'

Miami Oil Producers Inc.
2084 A-1

WELL HISTORY DATA:

COMPANY: Miami Oil Producers Incorporated, Abilene, Texas.
WELL: Navajo 2084 A-1.
LOCATION: S. 34 (570' E/EL & 735' E/EL) Section 33, Township
27 North, Range 15 West, San Juan County, New Mexico.
ELEVATION: 5425 feet ground, 5432 feet Kelly Bushing.
FIELD: Wildcat.
SPUD: July 18, 1964.
COMPLETION DATE: August 2, 1964.
TOTAL DEPTH: 4550 Driller. 4549 Schlumberger.
INITIAL PROD. Dry and Abandoned.
SURFACE CASING: 8 5/8" @ 172' w/70 sacks.
DEVIATION: Minimum.
CORE OR DST: None.
LOGS: Schlumberger: IAS, Formation Density-Rammaray &/Caliper.
CONTRACTOR: Miami Oil Producers Inc.
Pusher: Mr. Earl Allen.
GEOLOGIST: Brian Kirby, representing Miami.
Wayne Powell, Amerada.
Dennis Crowley, Superior.

Test plugged August 3, 1964 according to USGS instructions:

Plugs: 4450-Total Depth
3950-4050
750-850
400-500
Surface plug with marker.

Miami Oil Producers Incorporated
Navajo 2084 A-1

The following formation tops are corrected to Schlumberger and measured from the Kelly Bushing:

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATA</u>
Picturee Cliffs	473	+4059
Lewis	605	+4827
Ameranda Transitional	817	+4615
Point Lookout	2990	+2452
Blancos	3160	+2372
Gallup	4020	+1412
Lower Gallup	4178	+1254
Sanastee	4487	+945
Total Depth	4550	

SAMPLE DESCRIPTION:

Samples were caught at 10' intervals from surface to 4170. 5' samples from 4170 to 4330. 10' samples from 4330 to Total Depth. Miami samples were turned over to the Four Corners Sample Out at the conclusion of the test. Standard of Texas samples were shipped to Monahans, Texas. Amerada picked up one set. Superiors samples were left at the rig as per request.

Drilling samples, log analysis, indicated all massive sands above the lower Gallup to be non commercial. An equivalent Cliff House sand, 1530-40 showed a caveat on the Formation Density log. This zone was between two coal beds, and although it looked interesting, history of the area indicates poor completion results and a non commercial zone.

The lower Gallup zone 4178-4207(153), indicated intermittent tight sand stringers which were considered non commercial by sample and

Miami Oil Producers Incorporated
Navajo 2084 4-1

log analysis.

Samples: 4175 Shale & Siltstone, grv brn-brn. Sand 10-15', fm grain, sub round, tight, glauconitic, silty. Fro. filter, questionable cut.

4180-Same as above. Increase in sand.

4180-95. Siltstone, brn-gry, w/sd grain incl. Sand 10' as above.

4200 Siltstone as above. Sand 15', 1 grain, tight, silty, glauconitic, NS.

4205 Same. Sand becoming more silty, laminated with shale stringers.

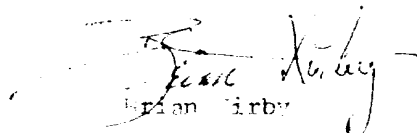
4210 Same. Silst green. Sand, green, silty, shy, clayey.

Samples below the lower Gallup indicated dirty, tight, fine- and grained sandstones, siltstones, and shales. The Ganasteo samples were sand, very fine grain, grayish brn, lmy.

Conclusion and Recommendation:

The lower Gallup was composed of 1-2' sand stringers which were tight and "dirty". Log calculations indicated porosities of 2 $\frac{1}{2}$ -7 $\frac{1}{2}$ % and all had water saturations of 100%. Samples showed the sand to be silty, glauconitic, and tight. The only recommendation was to plug and abandon.

Respectfully Submitted,


Brian Kirby