

Contractor: Miami Oil Producers, Inc.
Well: Navajo 2171 A-#1
Location: 660' TSL x 660' FWL Sec. DIST 83-14W, NMIM
Elevation: 5694' Kb. - 5687' G.L.
Total Depth: 5266' Driller - 5259' Schlumberger
Commenced: November 7, 1964
Completed: November 22, 1964
Production: Plugged and abandoned
Casing: 8-5/8" - 163' - 70 sacks
Cores: None
Drillstem Tests: None

Surveys: Schlumberger
Induction-Electric log 163'-5253'
Detail 4660'-5258'
Gamma Ray-Density w/cal. 4710'-5256'
Deviation: 1/4° @ 1380'; 1 1/4° @ 2089';
1 1/2° @ 2514'; 1 1/4° @ 3536'; 1/2° @ 3968';
1° @ 4580'; 1/2° @ 4902'.

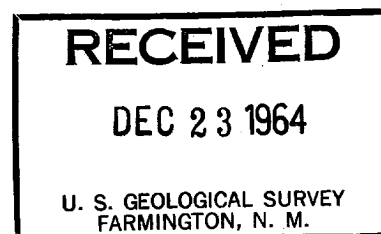
Contractor: Miami Oil Producers, Inc.
Rig #1
Earl Allen - Tool Pusher

Distribution of Data: Logs have been sent to Humble, El Paso, Gulf, U.S.G.S. and the State of New Mexico. Samples have been sent to Humble and Four Corners Sample Cut in Farmington, New Mexico. Notice of Intention to Drill and Designation of Operator were filed with the U.S.G.S.

Daily Driller's Log

November 7, 1964: Spudded 11" hole at 2:00 P.M. and drilled to 180'. Set 5 joints 152.70' of 8-5/8" 24# J-55 casing. Set at 163' and cemented 70 sacks 2% gel, 2% Cacl circulated plug down at 8:00 P.M. 11-7-64.

November 8, 1964: W.O.C. Drilled plug at 8:00 A.M.



November 9, 1964: Drilling at 1750'

November 10, 1964: Drilling at 2365'

November 11, 1964: Drilling at 2719'

November 12, 1964: Twisted off. Left 10 D.C. in hole.
Recovered fish. Drilling at 3122!/'

November 13, 1964: Drilling at 3179'

November 14, 1964: Trip at 3536'

November 15, 1964: Trip at 3968'

November 16, 1964: Trip at 4246'

November 17, 1964: Trip at 4442'

November 18, 1964: Drilling at 4585'

November 19, 1964: Trip at 4902'

November 20, 1964: Trip at 5126'

November 21, 1964: Running logs. Plugged and abandoned.
Plugged from 5000'-5100' w/35 sacks
1950'-2050' w/30 sacks
1000'-1100' w/30 sacks
0'-30' w/10 sacks
Installed abandonment marker. Plugging
approval received from Mr. Dick Bryson -
Humble; Mr. Bill Speer - El Paso; Mr.
Don Garey - Gulf.

Bit Record

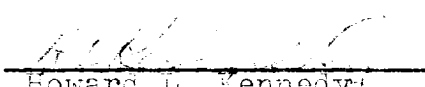
BIT #	SIZE	MAKE	TYPE	DEPTH OUT	HOURS
Surf.	11"	Reed	YT3	186'	4 $\frac{1}{2}$
1	7-7/8"	C.P.	ES1CAJ	1389'	14 $\frac{1}{4}$
2	7-7/8"	HTCo.	OSC3J	2089'	14 $\frac{1}{4}$
3	7-7/8"	Reed	YT1AJ	2514'	15 $\frac{1}{2}$
4	7-7/8"	Reed	YT1AJ	2740'	10 $\frac{1}{2}$
5	7-7/8"	Reed	YT1AJ	3122'	12
6	7-7/8"	C.P.	ES2GJ	3536'	16
7	7-7/8"	C.P.	ES2GJ	3968'	19 $\frac{1}{4}$
8	7-7/8"	Reed	YT1AJ	4170'	8 $\frac{1}{2}$
9	7-7/8"	Reed	YT1AJ	4246'	4 $\frac{1}{4}$
10	7-7/8"	Reed	YT1AJ	4442'	9 $\frac{1}{2}$
11	7-7/8"	Reed	YT1AJ	4580'	14 $\frac{1}{4}$
12	7-7/8"	C.P.	ES2G	4902'	23 $\frac{1}{4}$
13	7-7/8"	Reed	YT1AJ	5126'	13 $\frac{1}{2}$
14	7-7/8"	C.P.	EMLVJ	5266'	13

E-Log Formation Tons

Kirtland - Surface	Point Lookout - 3630'(+2064)
Fruitland - 510'(-5384)	Mancos - 3925'(+1769)
Pictured Cliffs - 1075'(-4619)	Lower Gallup - 5092'(+602)
Lewis - 1303'(+4391)	Gallup Sand - 5152'(-542)
Mesaverde - 2015'(+3679)	Sanastee - 5300'(+394) Estimated
	T. D. - 5266'

Discussion

The Miami Oil Producers, Inc. Navajo 2171 A-#1 found 20' of very tight shaly sand from 5160' to 5180'. Slight fluorescence was present in the samples. No porosity was present on the density log. Due to the poor sand development in this well it was recommended that the well be plugged and abandoned. No additional drilling is recommended for the area.


Howard L. Kennedy
November 24, 1964