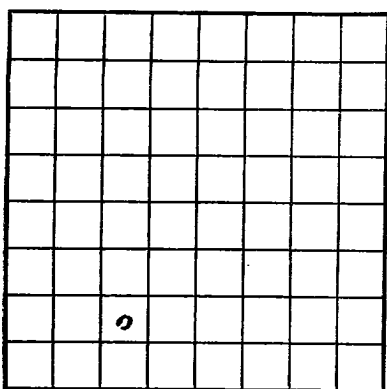


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078399
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Harris Mical, et al Address 905 Kennedy Bldg.-Tulsa, Oklahoma
Lessor or Tract Pierce Field Blanco Ert. State New Mexico
Well No. 1 Sec. 10 T. 29N R. 7W Meridian NPM County Rio Arriba
Location 990 ft. ^[N] of S Line and 1650 ft. ^[E] of W Line of Sec. 10 Elevation 4256
_(Derrick floor relative level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed James WoodardDate December 31, 1952Title Agent in Farmington

The summary on this page is for the condition of the well at above date.

Commenced drilling November 2, 1952 Finished drilling December 5, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4775 (G) to 5575 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	10.50	8	Howe	170'	Howe	Surface			
7	4.75	8	Howe	250'	Howe	4775			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	170'	150	Howe		
7	4775'	250	Howe		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4 1/2 & 3-1/2"	30 Qt.	SNG	1953	12-6-52	4775-5575	5575'

TOOLS USED

Rotary tools were used from Surface feet to 5575 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 16, 1952 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 1,694 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 976

EMPLOYEES

M. A. Sarafield, Driller J. V. Gay, Driller
W. H. Noble, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	109	109	Surface, Hard Sand and Boulders
109	985	876	Sand and Shale
985	1868	883	Shale
1868	2120	252	Shale and Sand
2120	2965	845	Sand and Shale
2965	3090	125	Shale and Coal
3090	3130	40	Shale, Coal and Sand
3130	4752	1622	Sand and Shale
4752	4823	71	Sand
4823	4887	64	Sand, Coal and Shale
4887	4901	14	Sand
4901	5000	99	Coal and Sand
5000	5147	147	Sand
5147	5300	153	Coal and Sand
5300	5575 TD	275	Sand
			Top Pictured Cliffs 3065'
			Top Lewis 3160'
			Top Cliff House 4720'
			Top Manatee 4920'
			Top Point Lookout 5265'

18-021

14'

1027 FEET

(over)

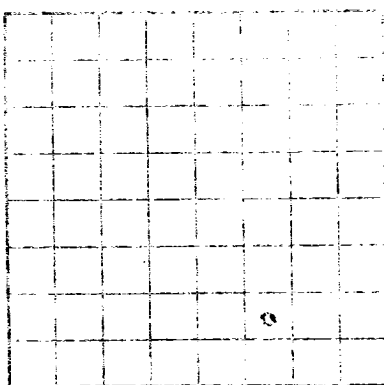
FORMATION

16-43094-2

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company name, address, and telephone number
Name of operator
Well No. and location
Date of completion
The information given here is a complete and correct record of the well and all work done on it.
This record is to be maintained in the files of the company.

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If the well has been dynamited, give date, size, position, and number of shot. If pipes or bridges were put into test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD		TOOL RECORD		SHOOTING RECORD		PLUGS AND ADAPTERS		MUDGING AND CEMENTING RECORD	
FROM	TO	DESCRIPTION	QUANTITY	DATE	DEPTH	SIZE	LENGTH	DEPTH	DEPTH
0	100	Top of formation							
100	200	Formation							
200	300	Formation							
300	400	Formation							
400	500	Formation							
500	600	Formation							
600	700	Formation							
700	800	Formation							
800	900	Formation							
900	1000	Formation							
1000	1100	Formation							
1100	1200	Formation							
1200	1300	Formation							
1300	1400	Formation							
1400	1500	Formation							
1500	1600	Formation							
1600	1700	Formation							
1700	1800	Formation							
1800	1900	Formation							
1900	2000	Formation							
2000	2100	Formation							
2100	2200	Formation							
2200	2300	Formation							
2300	2400	Formation							
2400	2500	Formation							
2500	2600	Formation							
2600	2700	Formation							
2700	2800	Formation							
2800	2900	Formation							
2900	3000	Formation							
3000	3100	Formation							
3100	3200	Formation							
3200	3300	Formation							
3300	3400	Formation							
3400	3500	Formation							
3500	3600	Formation							
3600	3700	Formation							
3700	3800	Formation							
3800	3900	Formation							
3900	4000	Formation							
4000	4100	Formation							
4100	4200	Formation							
4200	4300	Formation							
4300	4400	Formation							
4400	4500	Formation							
4500	4600	Formation							
4600	4700	Formation							
4700	4800	Formation							
4800	4900	Formation							
4900	5000	Formation							
5000	5100	Formation							
5100	5200	Formation							
5200	5300	Formation							
5300	5400	Formation							
5400	5500	Formation							
5500	5600	Formation							
5600	5700	Formation							
5700	5800	Formation							
5800	5900	Formation							
5900	6000	Formation							
6000	6100	Formation							
6100	6200	Formation							
6200	6300	Formation							
6300	6400	Formation							
6400	6500	Formation							
6500	6600	Formation							
6600	6700	Formation							
6700	6800	Formation							
6800	6900	Formation							
6900	7000	Formation							
7000	7100	Formation							
7100	7200	Formation							
7200	7300	Formation							
7300	7400	Formation							
7400	7500	Formation							
7500	7600	Formation							
7600	7700	Formation							
7700	7800	Formation							
7800	7900	Formation							
7900	8000	Formation							
8000	8100	Formation							
8100	8200	Formation							
8200	8300	Formation							
8300	8400	Formation							
8400	8500	Formation							
8500	8600	Formation							
8600	8700	Formation							
8700	8800	Formation							
8800	8900	Formation							
8900	9000	Formation							
9000	9100	Formation							
9100	9200	Formation							
9200	9300	Formation							
9300	9400	Formation							
9400	9500	Formation							
9500	9600	Formation							
9600	9700	Formation							
9700	9800	Formation							
9800	9900	Formation							
9900	10000	Formation							