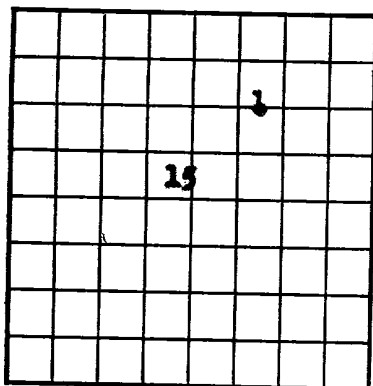


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **076094**
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **THE BRITISH-AMERICAN OIL PRODUCING** Address **BOX 2649' TULSA, OKLAHOMA**
Lessor or Tract **FULLERTON** Field **SO. KUTZ** State **NEW MEXICO**
Well No. **2** T. **15** N. R. **27** W. Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. **N** of **1650** ft. **E** of **NE SW NE** Line of **E** Line of **E** Elevation **6330'**
(Denote foot relative to sea 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.

Date **5-9-52** Signed **J. M. Morris** Title **District Superintendent**

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

Commenced drilling **3-29**, 19**52** Finished drilling **4-10**, 19**52**

OIL OR GAS SANDS OR ZONES

No. 1, from **2051'** to **2131' (g)** (Denote gas by G)
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, 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	From—	To—	Purpose
10-3/4"	20	8	Amoco	80	Open	2051'			Drill pipe
10-3/4"	20	8	Amoco	20	Open	2131'			Drill pipe
5-1/2"	15	8	Amoco	2137'	Open	2137'			Drill pipe

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	116' KB	85			
5-1/2"	2054' KB	45			

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" x 8"	8	SNB	170	4-11-52	2133-2061'	TD 2133' KB
4" x 4"	1					

TOOLS USED

Rotary tools were used from **0** feet to **2056** feet, and from _____ feet to _____ feet
Cable tools were used from **2056** feet to **2133** feet, and from _____ feet to _____ feet

DATES

Put to producing **May 2**, 19**52**

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 **1500,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **465**

EMPLOYEES

Banner Drilling Co., Driller _____
Contractor Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	122'	122'	Sand and shale
122'	166'	44'	Shale
166'	191'	25'	Sand
191'	257'	66'	Shale
257'	275'	18'	Hard sand
275'	1006'	731'	Sand and shale
1006'	1094'	88'	Alamo sand and shale
1094'	1139'	45'	Farmington sand and shale
1139'	1485'	346'	Sand and shale
1485'	1661'	176'	Sand and shale streaks
1661'	1825'	164'	Sand and shale
1825'	1977'	152'	Shale, coal and sand
1977'	2048'	71'	Sand, shale and coal
2048'	2054'	6'	Sand - Pictured Cliffs (By sample)
2054'	2131'	77'	Sand "
2131'	2133'	2'	Shale

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

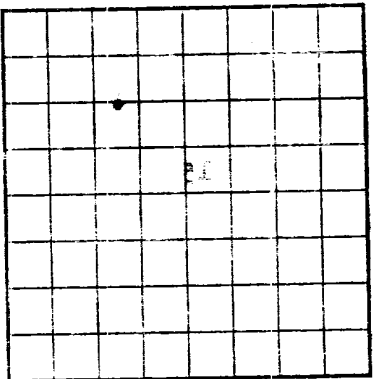
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE

Budget Bureau No. 43-R3521
Approved April 11-30-19

Form 9-220



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____
Time and _____
Line of _____
Elevation _____
County _____
State _____
Address _____
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 _____
Title _____
Date _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19__

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

CASING RECORD

Run in the hole to 2127' 10" with perforations from 2127' 10" to 2127' 10".
Casing _____
Weight _____
Length _____
Diameter _____
Amount _____
Kind of pipe _____
Cut and pulled from _____
To _____
From _____
Purpose _____

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 there were any changes made in the casing, state fully, and if any casing was added or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If there were any changes made in the casing, state fully, and if any casing was added or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If there were any changes made in the casing, state fully, and if any casing was added or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots.

HISTORY OF OIL OR GAS WELL

10-40004-1 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

Number of cement	Mud used	Kind of mud	Amount of mud used

PLUGS AND ADAPTERS

Adapter—Material _____
Hearing plug—Material _____
Length _____
Size _____
Depth set _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

DATES

Put to producing _____, 19__
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____
If gas well, cu. ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, B6 _____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

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

FORMATION RECORD—Continued