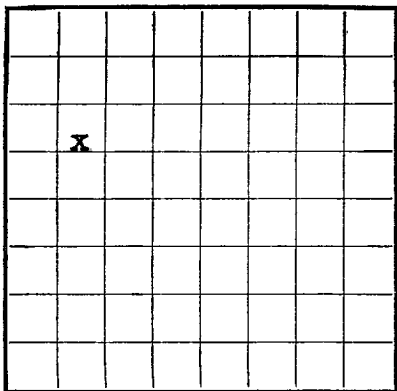


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER N M 029146
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Ted M. White Address 142 Truman, N.E.
Lessor or Tract _____ Field Aztec P.C. State New Mexico
Well No. 3 Sec. 33 T. 29N R. 9W Meridian N.M.P.M. County San Juan
Location 1350 ft. S. of N. Line and 1180 ft. E. of E. Line of Sec. 33 Elevation 6060
(Derrick floor 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.

Signed E. Stewart

Date January 24, 1959 Title Agent

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

Commenced drilling November 3, 1958 Finished drilling November 24, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
8 5/8	24	8	I 55	140	Reg.				
5 1/2	15	8	I 55	125	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	140	100	Halliburton		
5 1/2	2539	100	Halliburton		

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

TOOLS USED

Rotary tools were used from _____ feet to 2555 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 2297

EMPLOYEES

Wes Durston, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Samples start at 2390 feet in the Fruitland formation.
2390	2400	10	10% sandstone—clear, medium grained, loose, angular to subangular. 30% shale light green, tan, gray. 10% coal.
2400	2410	10	Top of Pictured Cliffs formation at 2390 feet. 10% sandstone ditto. 90% shale ditto. Trace of coal.
2410	2420	10	20% sandstone ditto, some fine grained. light gray cemented salt and pepper appearance. 80% shale ditto. Trace of coal.
2420	2430	10	90% sandstone white, fine to medium grained, loose, friable, gas, good permeability and permeability. 10% shale ditto.
2430	2440	10	90% sandstone ditto, becoming more cemented. 10% shale ditto.
2450	2460	10	30% sandstone ditto. 20% shale light gray, green and tan with carbonaceous streaks.
2460	2470	10	70% Sandstone ditto, some light green, becoming finer grained. 30% shale ditto.
			AT THE END OF COMPLETE DRILLERS LOG AND OTHER RECORDS, SHOW WHETHER FROM LOG OR SAMPLES

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2470	2480	50%	sandstone ditto, fine to medium grained, white. 50% shale ditto, some black carbonaceous.
2480	2490	60%	sandstone ditto. 60% shale ditto.
2490	2500	80%	sandstone ditto, becoming finer grained and cemented with bentonite. 20% shale ditto.
	2500	30%	Top of Lewis shale at 2498 feet.
2500	2510	40%	sandstone ditto. 60% shale predominately tan, silty, light green and gray, some black carbonaceous.
2510	2520	40%	sandstone ditto, some very fine grained, subround to subangular. 60% shale light gray and tan, some dark gray.
2520	2530	30%	sandstone ditto. 70% shale light gray.
2530	2540	40%	sandstone ditto. 60% shale light gray, calcareous.
2540	2550	20%	sandstone ditto, predominately very fine grained, well cemented. 80% shale light gray and tan, also black carbonaceous.
2550	2555	20%	sandstone ditto. 30% shale ditto.
Total depth 2555			

FORMATION RECORD

Dip

Dip

EMPLOYEES

Rock blower, per bet. 2470 to 2480

If gas well, per bet. 2470 to 2480

Completion: 2470 to 2480

The production for the first 24 hours was

DAILY

Cable tools were used from

Rotary tools were used from

TOOLS USED

Size	Depth used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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SHOOTING RECORD

Adapters—Material

Heavying plug—Material

PLUGS AND ADAPTERS

Size	Depth used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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MIDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Casing size	Per foot weight	Depth	Make	Amount	Kind of shot	Cut and pulled from	Perforated	Purpose
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CASING RECORD

No. 5, from	to	No. 4, from	to
No. 1, from	to	No. 3, from	to

IMPORTANT WATER SANDS

No. 3, from	to	No. 6, from	to
No. 2, from	to	No. 5, from	to
No. 1, from	to	No. 4, from	to

(Section 30 of 3)

OIL OR GAS SANDS OR ZONES

Commenced drilling 2000 feet to 1000 feet. Finished drilling 2000 feet to 1000 feet.

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

Date January 24, 1928

Signed _____

so far as can be determined from all available records.

The information given herewith is a complete and correct record of the well and all work done thereon.

Location 1200 ft. of line and 1200 ft. of line of sec. 33. Elevation 6000.

Well No. 1 sec. 33 T. 28 N. R. 10 E. Meridian.

Owner of tract John A. B. Co. State New Mexico.

Company The Standard Oil Co. Address The Standard Oil Co.

LOCATE WELL CORRECTLY

LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

FORM OF PERMIT TO PROSPECT

SERIAL NUMBER 100510

FIELD OFFICE 2000-30

11th. 10th. 12th. 13th. 14th. 15th. 16th. 17th. 18th. 19th. 20th. 21st. 22nd. 23rd. 24th. 25th. 26th. 27th. 28th. 29th. 30th. 31st. 32nd. 33rd. 34th. 35th. 36th. 37th. 38th. 39th. 40th. 41st. 42nd. 43rd. 44th. 45th. 46th. 47th. 48th. 49th. 50th. 51st. 52nd. 53rd. 54th. 55th. 56th. 57th. 58th. 59th. 60th. 61st. 62nd. 63rd. 64th. 65th. 66th. 67th. 68th. 69th. 70th. 71st. 72nd. 73rd. 74th. 75th. 76th. 77th. 78th. 79th. 80th. 81st. 82nd. 83rd. 84th. 85th. 86th. 87th. 88th. 89th. 90th. 91st. 92nd. 93rd. 94th. 95th. 96th. 97th. 98th. 99th. 100th. 101st. 102nd. 103rd. 104th. 105th. 106th. 107th. 108th. 109th. 110th. 111th. 112th. 113th. 114th. 115th. 116th. 117th. 118th. 119th. 120th. 121st. 122nd. 123rd. 124th. 125th. 126th. 127th. 128th. 129th. 130th. 131st. 132nd. 133rd. 134th. 135th. 136th. 137th. 138th. 139th. 140th. 141st. 142nd. 143rd. 144th. 145th. 146th. 147th. 148th. 149th. 150th. 151st. 152nd. 153rd. 154th. 155th. 156th. 157th. 158th. 159th. 160th. 161st. 162nd. 163rd. 164th. 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1395th. 1396th. 1397th. 1398th. 1399th. 1400th. 1401st. 1402nd. 1403rd. 1404th. 1405th. 1406th. 1407th. 1408th. 1409th. 1410th. 1411st. 1412nd. 1413th. 1414th. 1415th. 1416th. 1417th. 1418th. 1419th. 1420th. 1421st. 1422nd. 1423rd. 1