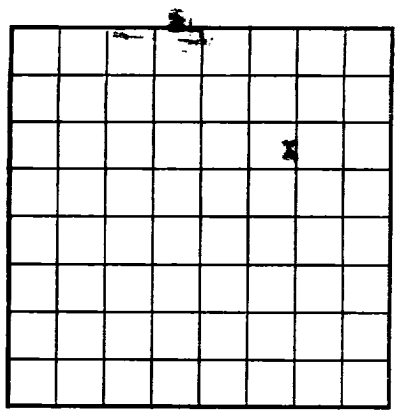
Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 076365-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company San Juan Production Company Address 102½ North Court, Farmington New Mexico
Lessor or Tract Scambling Field Largo Ext. State New Mexico
Well No. 1-A Sec. 21 T 29N R. 8W Meridian N. M. P. M. County San Juan
Location 1650 ft. {N. / S.} of S Line and 990 ft. {E. / W.} of E Line of Section 21 Elevation 5817'
(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. J. Coal
E. J. Coal
Date March 14, 1951 Title Petroleum Engineer

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

Commenced drilling January 21, 1951 Finished drilling March 4, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3891 to 3912 (G) No. 4, from ____ to ____
No. 2, from 3912 to 4504 (G) No. 5, from ____ to ____
No. 3, from 4504 to 4660 (G) No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 1355 to 1370 No. 3, from ____ to ____
No. 2, from 1050 to 1080 No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9-5/8	36#	8	Young	308'	Baldh.				Surface
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				Production
7	23#	8	Natl.	3935'	Baldh.				Production
2	4.7#	8		4595'					Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	308'	110	Single Stage		
7	3890'	600	Two Stage		

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
Qts.	4½	Solidified Nitro	2230	3-6-51	3917-4650'	4651'

TOOLS USED

Rotary tools were used from 0 feet to 3890 feet, and from ____ feet to ____ feet
Cable tools were used from 3890 feet to 4660 feet, and from ____ feet to ____ feet

DATES

March 13, 1951 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 2,040,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 570

EMPLOYEES

Bob Lee, Driller ____, Driller
Henry Langley, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

16—43094-2

FOLD

MARK

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	880	880	Sandstone interbedded with grey shale
880	1050	170	Grey shale
1050	1080	30	Fine grained, loose white sandstone
1080	1355	275	Grey shale with occasional thin sandstone streaks
1355	1370	15	Coarse grained water sand
1370	2000	630	Grey shale with occasional thin bedded sandstone
2000	2224	224	Grey carbonaceous shale with thin coal streaks
2224	2305	81	Sandstone (Top Pictured Cliffs 2224)
2305	2840	535	Grey shale
2840	3185	345	Sandy grey shale
3185	3205	20	Coarse white dense sandstone
3205	3308	103	Sandy shale
3308	3345	37	Coarse white dense sandstone
3345	3891	546	Sandy shale
3891	3912	21	Cliff House sandstone (Top Cliff House 3891)
3912	4505	593	Sandstone with thin grey shale & coal streaks (Top Menefee 3912)
4505	4660 T.D.	155	Sandstone (Top Point Lookout 4505)

CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable 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; % emulsion; % water and % sediment.

Gallons gasoline per 1,000 cu. ft. of gas

If gas well, cu. ft. per 24 hours

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller, Driller

Driller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	880	880	Sandstone interbedded with grey shale
880	1050	170	Grey shale
1050	1080	30	Fine grained, loose white sandstone
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MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud fluid	Amount of mud used

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

HISTORY OF OIL OR GAS WELL

16—43094-1 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 "sidetracked" 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 RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____

No. 2, from ____ to ____ No. 4, from ____ to ____

OIL OR GAS SANDS OR ZONES

No. 1, from ____ to ____ No. 3, from ____ to ____

No. 2, from ____ to ____ No. 4, from ____ to ____

(Denote gas by G)

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.

Signature ____

Date ____ Title ____

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

Commenced drilling ____ 19 ____ Finished drilling ____ 19 ____

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

UNITED STATES

GEOLOGICAL SURVEY

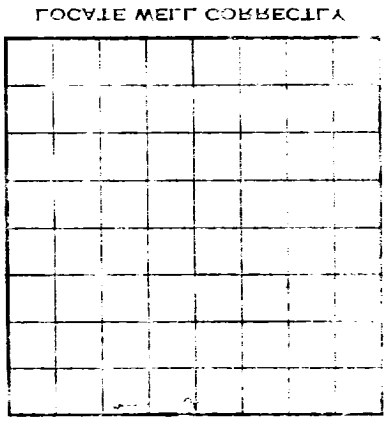
Company ____ Address ____

Lessor or Farm ____ Field ____ State ____

Well No. ____ Sec. ____ T. ____ R. ____ Meridian ____ County ____

Location ____ ft. [N.] [S.] of ____ line and ____ ft. [E.] [W.] of ____ Elevation ____ (Give location relative to lines of section)

LOCATE WELL CORRECTLY



FORM 9-330