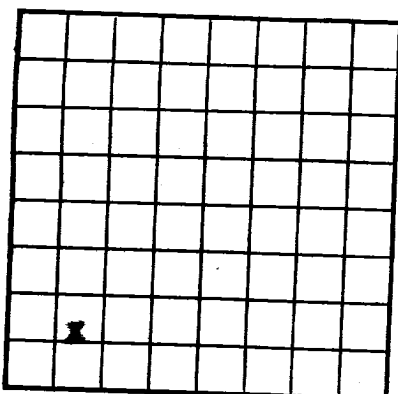
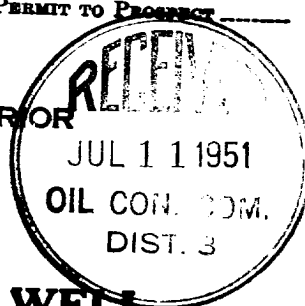




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company San Juan Production Company Address 100 1/2 E. Court, Farmington, N. Mex.
Lessor or Tract Granting Field Large No. 1 State New Mexico
Well No. 24 Sec. 22 T. 22N R. 2W Meridian N. M. P. M. County San Juan
Location 990 ft. [N.] of 8 Line and 990 ft. [E.] of 4 Line of Section 22 Elevation 5200
(Derive elev. relative to M.S.L.)

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 [Signature] Title Petroleum Engineer
Date July 9, 1951

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

Commenced drilling February 11, 1951 Finished drilling March 30, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 395 to 4027 (G) No. 4, from _____ to _____
No. 2, from 4027 to 4090 (G) No. 5, from _____ to _____
No. 3, from 4090 to 4150 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 305 to 305 No. 3, from 1395 to 1490
No. 2, from 1115 to 1115 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—	
9-5/8"	30	8	HILOKA	100					
7"	20	8	HILOKA	100					
2"	4.75	8	HILOKA	100					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	30	30	Single Stage		
7"	20	20	Single Stage		
2"	4.75	4.75	Single 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
9-5/8"	3"	A. H. A.	200	5-31	4000 - 4150	4750

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.
If gas well, cu. ft. per 24 hours 1, 250, 000
Rock pressure, lbs. per sq. in. 1007
Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

Benny Glover, Driller
R. F. Williams, Driller
R. F. Williams, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
31	1395	104	sh. to tan coarse gr. s.s. interbedded w/gray sh.
1395	1490	195	sh. coarse water sand (Sjo Alum).
1490	2077	587	sh. gray shales w/white-bedded f. grain dense s.s. streaks (Kistland).
2077	2347	270	Reddish shale - sh. coarse shales w/thin coal streaks and occasional sand streaks.
2347	2405	58	Reddish clastic s.s. with a yellow sandstone.
2405	2730	325	gray, sh. sh., loose shale.
2730	3956	1226	sh. to sh., v.s., siliceous shales s.s. (Lower Leno).
3956	4027	71	gray s. gr., clay shale s.s.
4027	4090	63	sh. sh., calcareous, massive formation. (sh., coal, and shales).
4090	4750 TO	660	gray s.s. (Point Leno formation).

FORMATION RECORD—Continued

Serial Number

PLEASE OR PERMIT TO PROCEED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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.

(Devise your entries in one form)

Location { N. of _____ ft. } of _____ line and _____ ft. { E. } of _____ line of _____ County _____ State _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____

Lessor or Tract _____

Company _____

Address _____

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

Title _____

Date _____

Signed _____

Commenced drilling _____ 19____
Finished drilling _____ 19____

(Derote gas by G)
OIL OR GAS SANDS OR ZONES

(Derote das py 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. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

CASING RECORD

Size ending per foot	Weight per foot	Thickness per foot	Mass	Amount	Kind of shoe	Cut and pulled from	Perforated from— To—	Purpose
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[illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48094-1

SLUDDING AND CEMENTING RECORD

been burn to incinerator	storing fuel	been bottles	transmission to	the
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PLUGS AND ADAPTERS

	Length	Depth set
	Size	

SHOOTING RECORD

Site	Shells used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

feet to feet most has feet to feet the tools were used from
 feet to feet most has feet to feet the tools were used from

DATE

The production for the first 24 hours was _____ _____ barrels of fluid of which _____ % was oil; _____, 19 _____ Put to producing	_____ _____ _____
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Rock pressure, lbs. per sq. in.	
Gas well, cu. ft. per 24 hours	
No water; and no sediment	
Gravity, °Bé	
Gallons gasoline per 1,000 cu. ft. of gas	

EMPLOYEES

Driller	_____	_____	_____
Driller	_____	_____	_____

FORMATION RECORD

Driller _____

Driller _____

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
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97	97	97
98	98	98
99	99	99
100	100	100

FORMATION RECORD—Continued