

Santa Fe

U. S. LAND OFFICE NM 060402

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company W. H. Hudson Address 1126 Mercantile Securities Building
Dallas 1, Texas
Lessor or Tract Fairfield Field Basin Dakota State New Mexico
Well No. 2 Sec. 15 T. 27N R. 13W Meridian NAM County San Juan
Location 790 ft. XX of N Line and 790 ft. XX of E Line of Section 15 Elevation 5966' K.B.
(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 J. B. Avant Title GeologistDate October 1, 1962

The summary on this page is for the condition of the well at above date. August 13, 1962 August 23, 1962
Commenced drilling August 13, 1962 Finished drilling August 23, 1962

OIL OR GAS SANDS OR ZONES
No. 1, from 5930 to 5955 No. 4, from 6030 to 6075
No. 2, from 5965 to 5980 No. 5, from 6087 to 6092
No. 3, from 5995 to 6035 No. 6, from 6100 to 6105

IMPORTANT WATER SANDS
No. 1, from 6125 to 6160 No. 3, from 6160 to 6215
No. 2, from 6215 to 6250 No. 4, from 6250 to 6254

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8"	32.30	8	H-40	216.00	Jet	Surface			Surface
4-1/2"	10.50	8	J-45	6254.89	Jet	Production			Production
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	230'	115	Displacement	--	--
4-1/2"	6250'	160	Displacement	--	--

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
3-1/8	Casing	Jet	149'			

TOOLS USED

Rotary tools were used from Surface feet to 6254 feet, and from -- feet to -- feet
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet

DATES

September 26, 19 62 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 3315 AOF Gallons gasoline per 1,000 cu. ft. of gas Unestimated

Rock pressure, lbs. per sq. in. 1994# SITP

EMPLOYEES

--, Driller --, Driller
--, Driller --, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2255	2255	Surface
2255	4170	1915	Mesaverde
4170	5080	910	Mancos
5080	5840	760	Gallup
5840	5897	57	Greenhorn
5897	5930	33	Graneros
5930	TD 6254	324	Dakota

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

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LOT OF OIL OR GAS WELLS

100% COTTON

[illegible]

Spurred 1:30 A.M. 8/13/62. Set 216 of 9-5/8 casing, 32.30#, H-40, at 230'. Cemented with 115 sacks of neat cement plus 2% calcium chloride. Tested to 1000#. Drilled plug at 3:00 P.M. 8/13/62. Drilled to 6254'. (I-EL). Ram Schlumberger I-EL and Sonic-Ray logs. Set 6255.89' of 4-1/2" casing, J-55, 10.50#, at 6250'. Cemented with 160 sacks of Portex plus 2% acid. Plug down at 11:00 A.M. 8/25/62. Ran Lane-Weils Cementon Log. Perforated 6126-6132' (Lane-Weils) with 2 jets per foot. Acidized with 250 gallons Dowell I-1st acid. Tested water with slight show of gas. Spurred perforations 6126-6132' with 50 sacks of cement through retainer at 6100'. Squeeze pressure \$2000. Reversed out 15 sacks. Perforated 5994-6094' (Lane-Weils: Overall) with 2 jets per foot and treated with 50,500 gallons of water, 45,000# of 20/40 sand, and 260# J98 gel - used 40 balls. For bridge plug at 5984'. Perforated 5926-5975' (Lane-Weils: Overall) with 2 jets per foot and treated with 36,200 gallons of water, 30,000# of 20/40 sand, and 510# J98 gel. Installed plug at 5984' and cleaned out to PRTD 6100'. Ran I-1/4", J-55, 2.4#, tubing to 6072.91' - 189 joints. Shut in, tested well, absolute permeability 3315 MDPD on 3/4" choke, SITP 1994#. Waiting on pipeline connection.

HISTORY OF OIL OR GAS WELL

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FROM-	TO-	TOTAL FEET	FORMATION
2500	2400	100	Shale
2400	2300	100	Shale
2300	2200	100	Shale
2200	2100	100	Shale
2100	2000	100	Shale
2000	1900	100	Shale
1900	1800	100	Shale
1800	1700	100	Shale
1700	1600	100	Shale
1600	1500	100	Shale
1500	1400	100	Shale
1400	1300	100	Shale
1300	1200	100	Shale
1200	1100	100	Shale
1100	1000	100	Shale
1000	900	100	Shale
900	800	100	Shale
800	700	100	Shale
700	600	100	Shale
600	500	100	Shale
500	400	100	Shale
400	300	100	Shale
300	200	100	Shale
200	100	100	Shale
100	0	100	Shale