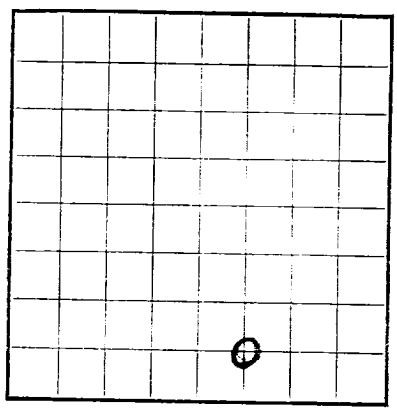
Form 9-330

orm approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER LC 060742-B
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Clen F. Featherstone Address Petroleum Bldg., Roswell, N. Mex.

Lessor or Tract Featherstone Field Wildcat State New Mexico

Well No. 1 Sec. 30 T. 8S R. 36E Meridian NMP County Roosevelt

Location 660 ft. {N.} of S. Line and 1980 ft. {E.} of E. Line of Section 30 Elevation 4138
(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 Chandler W. Forster

Date December 10, 1962 Title General Manager

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

Commenced drilling November 12, 19 62 Finished drilling November 28, 19 62

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4600 to 4871 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 150 to 350 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 From—	Perforated To—	Purpose
8-5/8"	24#	8 rd	CF&I	353'	Texas Pattern				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	362' KB	175-2% $CaCl_2$	Dowell	Cement Circulated	

FOLD | MARK

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 0 feet to 4770 feet, and from 4770 feet to 4871 feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

Plugged and Abandoned, 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. ____

EMPLOYEES

Forster Drilling Company, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Tops	From Samples and Drilling Time:		
Rustler	2040'		Note: Unable to run Electric Logs due to hole caving.
Castile Salt	2310'		
Yates	2790'		
San Andres	4060'		
0'	353'	353'	Shale red & brown-some sand
353'	400'	47'	Shale red & brown, Selenite less than 5%
400'	460'	60'	Shale red & brown, little grey&yellow 15% gyps.
460'	500'	40'	Shale red, brown, little grey, very little gypsum, some small quartz sand grains
500'	1300'	800'	Shale red & brown, small amount grey & yellow
1300'	2040'	740'	Shale red, brown, some grey, green reduction spots - thin veins gypsum, selenite
2040'	2120'	80'	Shale red to brown-some grey, anhydrite&gypsum Traces of dolomite
2120'	2240'	120'	Shale as above-lesser amounts of gypsum&anhy. & 10% dolomite
2240'	2310'	70'	Anhydrite & dolomite-shale more prominent in bottom 30'
2310'	2380'	70'	Anhydrite white-grey, traces of salt, cavings

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2380'	2770'	390'	Anhydrite white-grey, samples poor shale cavin. from redbedsection, occasional small salt crys.
2700'	2790'	20'	Anhydrite white-grey, approx 10% tan dolo & 20% red & brown shale
2790'	2810'	20	Anhydrite white-grey 40% red shale-small quartz sand grains
2810'	2850'	40'	As above & 5 to 10% fine grey sandstone
2850'	3000'	150'	Anhydrite white to grey approx 20% red, brown & grey shale
3000'	3130'	130'	Anhydrite white-grey approx 10% fine grained grey sandstone & 25% red & brown shale
3130'	3470'	340'	Anhydrite white-grey, approx 30%red, brown, gr. shale, approx 10% fine grey sandstone3320'to3340'
3470'	3500'	30'	Anhydrite white-grey approx 50% red & brown silty shal, broken pieces grey limestone
3500'	3680'	180'	Anhydrite grey varying amounts dolomite from 5-20%;approx 30-40% red & brown shale
3680'	3690'	10'	Anhydrite white-grey approx 15% grey medium grained sandstone & 35% red, brown shale- grey
3690'	3810'	120'	Anhydrite white-grey approx 40% red, brown & grey shale -little grey sandstone
3810'	3900'	90'	Anhydrite white-grey approx 50% red, brown & grey shale, some quartz sand grains
3900'	3950'	50'	Anhydrite white-grey approx 25% red, brown sh some grey approx 15% grey medium sdstone from 3910' to 3920'
3950'	4000'	50'	Anhydrite white-grey, approx 50% red & brown shale approx 10% medium grained grey sdstone
4000'	4060'	60'	Anhydrite white-grey approx 40% red brown shale
4060'	4100'	40'	Dolomite brown dense, anhydrite white-grey red & brown shale 20%
4100'	4200'	100'	Anhydrite grey, approx 30% br. dolomite & approx 40% red, brown & black shale
4200'	4340'	140'	Dolomite br dense approx 30% anhy. &25% shale
4340'	4400'	60'	Dolomite br dense approx 20% grey anhy. & 15% red & brown shale
4400'	4480'	80'	Dolomite br dense, anhy. white-grey approx 25% br, dark brown & black shale
4480'	4500'	20'	Dolo tan and br, dense approx 20% dark br & black shale approx 30 anhy.
4500'	4540'	60'	Anhydrite grey, approx 35% br dolo-5%black sh.
4600'	4700'	100'	Dolo dense brown, approx 20% grey anhy. oil shows in dolo, fluorescence - slight cut-poor
7 00'	4770'	70'	Samples of no value--been fishing
4770'	4871'	101'	Cored; Description as follows:

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HISTORY OF OIL OR GAS WELL

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.

Core:			
4770'	4773.5	3.5	Dolomite-dense-dark grey; occasional anhy. blebs
	4775.0	1.5	Anhydrite-dense grey
	4779.0	4.0	Dolo-dense dark grey;black shale inclusions
	4793.5	14.5	Anhydrite-light grey-dark;occasional black shale parting
	4796.0	2.5	Dolo dense dark grey;few salt crystals--leached with appearance of porosity
	4805.0	9.0	Anhydrite-some grey-mostly dark-black shale partings;occasional thin dark grey dolo bands
	4820.0	15.0	Dolo-dense dark grey;occasional large Anhydrite blebs;slight bleeding oil, gas & water
4820.0	4842.5	22.5	Dolo dense dark grey;occasional dark shale partingp occasional Anhydrite bleb, slight bleedingof oil, gas & water from fractures--water increasing toward bottam.
	4857.0	14.5	Dolomite dense dark grey;occasional black shale parting;occasional anhydrite bleb & occasional very slight bleeding
	4871.0	14.0	Dolomite dense dark grey; Blebs anhydrite slight bleeding from fractures--mostly water