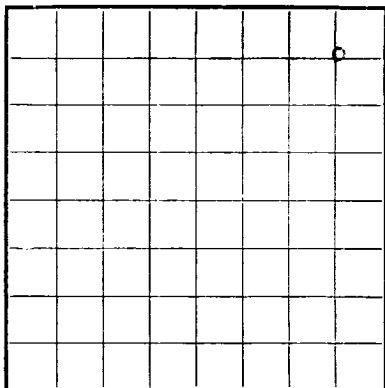


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 008888

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 Roswell, New Mexico
Lessor or Tract Federal "A" Field Square Lake State N.M.
Well No. 1 Sec. 31 T. 16S R. 30E Meridian N.M.P.M. County Eddy
Location 600 ft. N. of N. Line and 600 ft. E. of E. Line of Section 31 Elevation 3716 (gl)
(Derriek 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 [Signature]Date June 18, 1959Title Geologist

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

Commenced drilling April 18, 1959 Finished drilling April 23, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2770 to 2806 No. 4, from _____ to _____
No. 2, from 2881 to 2887 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 rd	J-55	492'	Pattern				Surface
5 1/2	14#	8 rd	J-55	2891'	Plug				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
8-5/8	492	75	Pump & Plug		
5 1/2	2891	60	Pump & Plug		

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 2892 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 4, 1959 Put to producing May 4, 1959
The production for the first 24 hours was 45 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 35.0
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

P. G. Carre, Driller J. A. Andrews, Driller
W. I. Trembley Jr., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Red bed
300	480	180	Red bed & Anh
480	1680	1200	Salt & Anh
1680	1885	205	Anh & Shale
1885	2036	151	Anh
2036	2470	434	Anh & Sand
2470	2540	70	Dolomite
2540	2570	30	Anh & Sand
2570	2620	50	Dolomite
2620	2820	200	Dolomite and Sand
2820	2890	70	Lime & Dolomite
2890	2905	15	Sand
	TD 2905		

[illegible]

LOG OF OIL OR GAS WELL

[illegible]

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 _____

Location _____ of _____ line and _____ of _____ line of _____

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

Lessors or Their Representatives _____

Field _____ State _____

Company _____

Commenced drilling _____ 19____
 The summary on this page is for the condition of the well at above date.
 Date _____ Title _____

(Derech dos ba' q)

OIL OR GAS SANDS OR ZONES

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

SECRET

250 gallons BDA acid used. Break down pressure 2600#. Treating pressure	No. 1 from	No. 2 from
2350#. Recovered load oil. Flowed 45 barrels new oil in 4 hours on 15/64 choke.	No. 1 from	No. 2 from
	No. 3 from	No. 4 from
	No. 5 from	No. 6 from
	No. 7 from	No. 8 from
	No. 9 from	No. 10 from
	No. 11 from	No. 12 from
	No. 13 from	No. 14 from
	No. 15 from	No. 16 from
	No. 17 from	No. 18 from
	No. 19 from	No. 20 from
	No. 21 from	No. 22 from
	No. 23 from	No. 24 from
	No. 25 from	No. 26 from
	No. 27 from	No. 28 from
	No. 29 from	No. 30 from
	No. 31 from	No. 32 from
	No. 33 from	No. 34 from
	No. 35 from	No. 36 from
	No. 37 from	No. 38 from
	No. 39 from	No. 40 from
	No. 41 from	No. 42 from
	No. 43 from	No. 44 from
	No. 45 from	No. 46 from
	No. 47 from	No. 48 from
	No. 49 from	No. 50 from
	No. 51 from	No. 52 from
	No. 53 from	No. 54 from
	No. 55 from	No. 56 from
	No. 57 from	No. 58 from
	No. 59 from	No. 60 from
	No. 61 from	No. 62 from
	No. 63 from	No. 64 from
	No. 65 from	No. 66 from
	No. 67 from	No. 68 from
	No. 69 from	No. 70 from
	No. 71 from	No. 72 from
	No. 73 from	No. 74 from
	No. 75 from	No. 76 from
	No. 77 from	No. 78 from
	No. 79 from	No. 80 from
	No. 81 from	No. 82 from
	No. 83 from	No. 84 from
	No. 85 from	No. 86 from
	No. 87 from	No. 88 from
	No. 89 from	No. 90 from
	No. 91 from	No. 92 from
	No. 93 from	No. 94 from
	No. 95 from	No. 96 from
	No. 97 from	No. 98 from
	No. 99 from	No. 100 from

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 reworking, 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.

Page 2 of 2

250 gallons BDA acid used. Break Down pressure 2600#. Treating pressure 4000#. Recovered lost oil flowed 4500 ft. new oil in 4 hours on 15/64 in casing record.

RECORDING AND COMMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

SHOOTING RECORD		
Adapters—Material	Size	Length
		Dog to set

SHOOTING RECORD

Site Number and Name	Latitude	Altitude	Longitude	Year 1960-61	Year 1962	Year

100% 100%

Foot	of foot	of foot	of foot
Foot	of foot	of foot	of foot

CTA.

It was well on its way at 8 hours	Gallons received per hour	0.67
was about 25 feet and 25 feet		
The production for the 24 hours was	barrels of fluid oil	2.00
and the 24 hours was 2.00 barrels		
to be produced		

EMPLOYEES

Driller	_____	Driller	_____
Driller	_____	Driller	_____

FORMATION RECORD

[illegible]

NEW MEXICO OFFICE