

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079139-A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Kay Kimball Address 7114 Central SE, Albuquerque, N.M.
Lessor or Tract Warren-Federal Field Wildcat State New Mexico
Well No. 1-35 Sec. 35T. 25N.R. 6W Meridian NMPM County Rio Arriba
Location 790 ft. N of 4 Line and 890 ft. E of 2 Line of Section 35 Elevation 6772
(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 Bert Dargatzis

Date August 10, 1958 Title Geologist

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

Commenced drilling June 25, 1958 Finished drilling July 19, 1958

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

No. 1, from 2620 to 2630 No. 4, from _____ to _____
No. 2, from 5980 to 6080 No. 5, from _____ to _____
No. 3, from 7008 to 7042 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	34.8	3	337	337	None	Surface	7014	7042	Production
5 1/2	17	3	337	337	None	7014	7042	7042	Production
5 1/2	15.5	3	337	337	None	7014	7042	7042	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	348	300	Pump and plug		
5 1/2	7060	550	Pump and 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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 7060TD feet, and from _____ feet to _____ feet

DATES

Ran tubing _____, 1958 Put to producing but in for pipe line conn.
July 23, _____ barrels of fluid of which August 6, % was oil; 58 %
The production for the first 24 hours was _____
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas .22
Rock pressure, lbs. per sq. in. 4,130,000
2320#

EMPLOYEES

_____, Driller
Foree Drilling Co.
Farmington, New Mexico, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2620	2620	Surface tertiary, Kirtland, and Fruitland sandstones, shales, and coals
2620	2725	105	Pictured Cliffs sandstones and shales
2725	3470	745	Lewis shale
3470	3593	123	Chacra sandstones and shales
3593	4172	579	Lewis shale
4172	5033	861	Mesaverde sandstones, shales and coals
5033	5980	947	Mancos shale
5980	6790	810	Mancos sandstones and shales (including Gallup)
6790	6845	55	Greenhorn limestone
6845	6980	135	Graneros sandstones and shales
6980	7060TD	80	Dakota sandstones and shales

(OVER)

FORMATION RECORD—CONTINUED

10472

2004

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[illegible]

DATE	WELL NO.	DEPTH	THICKNESS	TYPE OF LOG	LOGGING COMPANY	LOG NO.	LOG DATE
6-25-58	6017001	11500-11510	1000	1000	1000	1000	1000
7-19-58	6017001	11500-11510	1000	1000	1000	1000	1000
7-21-58	6017001	11500-11510	1000	1000	1000	1000	1000
7-23-58	6017001	11500-11510	1000	1000	1000	1000	1000
7-24-58	6017001	11500-11510	1000	1000	1000	1000	1000
7-25-58	6017001	11500-11510	1000	1000	1000	1000	1000

Commenced drilling
Completed drilling and ran electrical logs
Set 7049 feet of 5 1/2" J-55 casing at 7000 feet and cemented with 550 sack. Cemented with DV tool set at 2803 feet with basket below using 250 sack. Top of cement by temperature survey 1975 feet.
Perforated 7014-26 and 7014-40 with 4 shots/feet. Sandfraced through tubing with 500 gallons mud acid, 10,000# sand, and 695 barrels of oil and shut-in.
Flowed 300 barrels load oil w/some gas.
Flowing estimated 5 mmcf w/some distillate.
Shut-in for 7 days for initial potential test.
EP 3hrs. 1" 4,130 mcf/day w/22 mmcf distillate
TFF (SIP) 2320# EFP 850#
Shut-in for pipe line connection and deliverability test.

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LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Key Kimbell Address 2127 San Mateo N.E., Albuquerque, N. M.
Lessor or Tract Warren-Federal Field Wildcat State New Mexico
Well No. 1-35 Sec. 35 T. 25N R. 6W Meridian NMP County Rio Arriba
Location 790 ft. XXX of N Line and 890 ft. XXX of E Line of Section 35 Elevation 6772
(Depth to the base of the formation)

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.

Date 6-1-60 Signed Deuker
Title Geologist

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

Commenced drilling 6-25, 1958 Finished drilling 7-21, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

C No. 1, from **2620** to **2630** No. 4, from _____ to _____
 No. 2, from **5980** to **6080** No. 5, from _____ to _____
C No. 3, from **7008** to **7042** 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

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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 _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

New Potential for Gallup Pay	DATES
-----7-12-----, 1959-----	Put to producing Shut in for FPC approval-----

The production for the first 24 hours was 217.5 barrels of fluid of which 100 % 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. **1976**

EMPLOYEES

E. P. Campbell Drilling _____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FORMATION RECORD				
FROM—	TO—	TOTAL FEET	FORMATION	
		See original 9-330		

FORMATION RECORD—Continued[illegible]

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.

7-8-54 See cast iron bridge plug at 6200'. Perforated 6000-6006, 6011-6017, 6034-6050, 6064-6080, and 6090-6096 w/ four shots per foot.

7-9-59 Sand fraced with 856 bbls. crude oil and 20,000# sand with 2300# treating pressure and 35 BPM injection rate. Ran tubing to 6072 and flowed lead oil.

7-12-59 Tested new oil for IP of 217.5 barrels of oil on 1/2" choke with 500# CP and 120# TP.