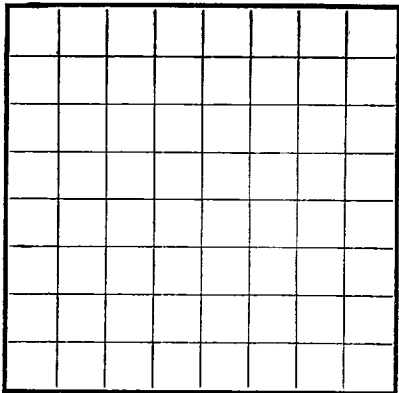


Form 9-330

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



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Kay Kimbell Address 623 Lubbock Nat'l Bank Bldg.
Lessor or Tract Salazar Federal Field Wildcat State New Mexico
Well No. 1-34 Sec. 34 T. 25N R. 6E Meridian NMPM County Rio Arriba
Location 1650 ft. N. of N Line and 1090 ft. E. of E Line of Section 34 Elevation 6365 ft.
(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 Jack B. Sallack
Title Engineering Agent

Date 11-17-58

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

Commenced drilling September 29, 1958 Finished drilling October 23, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2168 to 2200 No. 4, from _____
No. 2, from 6320 to 6422 No. 5, from _____
No. 3, from 6520 to 6620 No. 6, from _____

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—	
<u>8 5/8</u>	<u>32</u>		<u>J-55</u>	<u>360</u>	<u>none</u>				<u>surface</u>
<u>5 1/2</u>	<u>17</u>		<u>J-55</u>	<u>372</u>	<u>Halliburton Float</u>	<u>6680</u>	<u>6680</u>	<u>6706</u>	
<u>5 1/2</u>	<u>17</u>		<u>J-55</u>	<u>695</u>					
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
<u>8 5/8</u>	<u>350</u>	<u>400</u>	<u>pump & plug</u>		
<u>5 1/2</u>	<u>6726</u>	<u>569</u>	<u>pump & plug</u>		

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 surface feet to 6726 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran tubing October 23, 1958 Shut-in for pipeline construction
Put to producing November 3, 1958

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 X22

Rock pressure, lbs. per sq. in. 2360, 3,192,300

EMPLOYEES

Foree Drilling Company, Driller _____, Driller
Farmington, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2168	2168	Surface tertiary, Kirtland & Fruitland sandstones, shales & coals
2168	2280	112	Pictured cliffs, sandstones & shales
2280	3010	730	Lewis shale
3010	3150	140	Chacra sandstones & shales
3150	3720	570	Lewis shale
3720	4618	898	Mesaverde sandstones, shales & coals
4618	5530	912	Mancos shale
5530	6320	790	Mancos shale & sandstone (including Gallup)
6320	6520	200	Greenhorn limestone, graneros, sandstone & shale
6520	6726		Dakota sandstone & shale

(OVER)

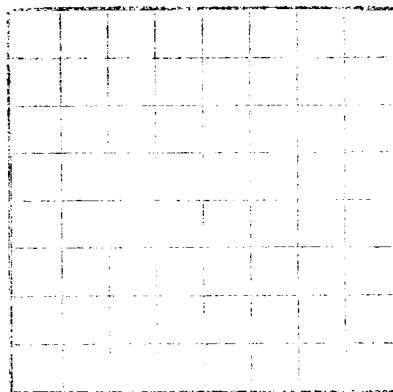
16-43094-4

FORMATION RECORD—CONTINUED

10-10-41

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 20 1964



Company: Key National
 Location or Trade: Oil & Gas Field
 Address: 603 Commercial Street, New Orleans, Louisiana
 Date: October 22, 1953
 The summary on this page is for the condition of the well at above date.
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Signed: [Signature]
 Title: Chief Engineer

END OF REPORT HAS NO SIG

1. WATER SANDS

090738 1-2562

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 abandoned, give date, 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.

HISTORY OF OIL OR GAS WELL

10-53089-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
1000	620	380	Interbedded sandstone & shale
620	580	40	Shale
580	560	20	Greenish limestone, granular, sandstone & shale
560	540	20	Massive sandstone (caliche)
540	520	20	Massive shale
520	480	40	Interbedded sandstone, shale & coals
480	460	20	Lewis shale
460	440	20	Oreous sandstone & shale
440	420	20	Lewis shale
420	400	20	Platy sandstone & shale
400	380	20	Sandstone, shale & coals
380	360	20	Interbedded sandstone & shale
360	340	20	Shale
340	320	20	Shale
320	300	20	Shale
300	280	20	Shale
280	260	20	Shale
260	240	20	Shale
240	220	20	Shale
220	200	20	Shale
200	180	20	Shale
180	160	20	Shale
160	140	20	Shale
140	120	20	Shale
120	100	20	Shale
100	80	20	Shale
80	60	20	Shale
60	40	20	Shale
40	20	20	Shale
20	0	20	Shale

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
1000	620	380	Interbedded sandstone & shale
620	580	40	Shale
580	560	20	Greenish limestone, granular, sandstone & shale
560	540	20	Massive sandstone (caliche)
540	520	20	Massive shale
520	480	40	Interbedded sandstone, shale & coals
480	460	20	Lewis shale
460	440	20	Oreous sandstone & shale
440	420	20	Lewis shale
420	400	20	Platy sandstone & shale
400	380	20	Sandstone, shale & coals
380	360	20	Interbedded sandstone & shale
360	340	20	Shale
340	320	20	Shale
320	300	20	Shale
300	280	20	Shale
280	260	20	Shale
260	240	20	Shale
240	220	20	Shale
220	200	20	Shale
200	180	20	Shale
180	160	20	Shale
160	140	20	Shale
140	120	20	Shale
120	100	20	Shale
100	80	20	Shale
80	60	20	Shale
60	40	20	Shale
40	20	20	Shale
20	0	20	Shale

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
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220	200	20	Shale
200	180	20	Shale
180	160	20	Shale
160	140	20	Shale
140	120	20	Shale
120	100	20	Shale
100	80	20	Shale
80	60	20	Shale
60	40	20	Shale
40	20	20	Shale
20	0	20	Shale