

Santa Fe

U. S. LAND OFFICE 086136-079139-A

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 Kay Kimbell Address 7114 Central, SE, Albuquerque, N.M.
Lessor or Tract Warren-Salazar Unit Field Undesig. Dakota State New Mexico
Well No. 2-26 Sec. 26 T. 25N R. 6W Meridian NMP County Rio Arriba
Location S. 825 of N. 3 Line and 8.10 of E. W Line of Section 26 Elevation 6667

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 2-3-60 Title Geologist Signed Ken Doregin

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

Commenced drilling 11-15-59 Finished drilling 12-8-59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

G No. 1, from 2516 to 2525 No. 4, from 6002 to 6010
 No. 2, from 5886 to 6002 No. 5, from 6973 to 6982
 G No. 3, from 6875 to 6973 No. 6, from 6983 to 6992

IMPORTANT WATER SANDS

No. 1, from 6986 to 7021 No. 3, from 7021 to 7056
No. 2, from 7056 to 7091 No. 4, from 7091 to 7126

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4 36#	-	-	J-55	363'	Howco	-	-	-	Surface
5-1/2 17#	-	-	J-55	800'	Howco	-	6876'	6930'	Production
5-1/2 15.5#	-	-	J-55	641'	Howco	-	-	-	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	375'	200	Pump-Plug	-	-
5-1/2	7014'	550	Pump-Plug	-	-

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

[illegible]

SHOOTING RECORD

[illegible]

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

....., 19..... Put to producing 19

February 3 60 Shut-in for connection
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 CV 3303 nic Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **CAOF 3485 mcf**

2083# EMPLOYEES

_____, Driller

E. P. Campbell Drilling Co. Driller

Lubbock, Texas

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2516	2516	Ojo Alamo, Kirtland, and Fruitland ss, sh and coal
2516	2525	9	Pictured Cliffs ss
2525	3355	830	Lewis shale
3355	3480	125	Chacra ss
3480	4060	580	Lewis sh
4060	4920	860	Mesaverde ss
4920	5886	966	Mancos shale
5886	6230	344	Gallup ss
6230	6684	454	Mancos sh
6684	6737	53	Greenhorn lm.
6737	6875	138	Graneros shale
6875	7021 T.D.	146	Dakota ss

055.0 05.03

1. I have been thinking of you a great deal lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I will try to write to you more often.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reaming, 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 "struck" 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.

Time	Location	Remarks
11-15-59	Continued drilling surface hole	
11-16-59	Cemented 36 1/2" 10-3/4" surface casing w/200 sack	
11-17-59	Drilling under surface casing	
12-3-59	DST #1 5890-6015 open 2 hours. Gas 75 min. Rec. 750' heavy oil and gas cut mud. FP 180#-440#. SIP 45 min. 2120'	
12-8-59	Ran electric log with 100' 17# and 6214' 15 1/2 casing with 550 sack	
12-9-59	Cemented 800' 17# and 6214' 15 1/2 casing with 550 sack	
12-11-59	Perforated 4 shots/foot @ 6816-6888, 6906-6916, 6922-6930, 6964-6976, and 6986-6994 (Don't log 69)	
12-12-59	Sand water fractured through perforations with 40,000# sand, 57,887 gallons water, 500 gallons 7-1/2% MGA, and 96 rubber balls. Injection rate 38.45 BPM. Maximum pressure 3400#, minimum pressure 2900#	
12-13-59	Swabbed and flowed load water	
12-16-59	Flowing gas and distillate w/150 barrels water day	
12-29-60	Get bridge plug at 6946' Ran 2-3/8" tubing to 6912'	
1-31-60	Start for 12 hours	
2-3-60	Tested 3303 incl IP, 3485 incl CVOF after 3 hours. SIF 2083#	
2-20-60	Tested 3303 incl IP, 3485 incl CVOF after 3 hours. SIF 2083#	
2-20-60	Tested 3303 incl IP, 3485 incl CVOF after 3 hours. SIF 2083#	

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD			
Shots	Whips	Number of cement	Amount of mud used
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

SHOOTING RECORD			
Shots	Whips	Number of cement	Amount of mud used
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

TOOLS USED			
Shots	Whips	Number of cement	Amount of mud used
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

EMPLOYEES			
Shots	Whips	Number of cement	Amount of mud used
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

FORMATION RECORD			
Shots	Whips	Number of cement	Amount of mud used
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000