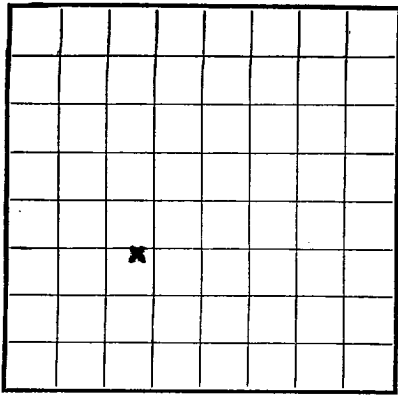


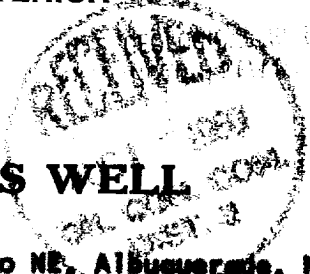
U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NH 014375**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company **Key Kimbell** Address **2127 San Mateo NE, Albuquerque, N. M.**
Lessor or Tract **Devonian Federal** Field **Undesig. Dakota** State **New Mexico**
Well No. **1** Sec. **4** T. **29N** R. **12W** Meridian **NMP** County **San Juan**
Location **1850** ft. [N] of **S** Line and **1521** ft. [E] of **W** Line of **Section 4** Elevation **5735**
(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.

Date **July 14, 1960** Signed **[Signature]** Geologist

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

Commenced drilling **5-20** Finished drilling **6-14** 19 **60**

OIL OR GAS SANDS OR ZONES
No. 1, from **5728** to **5742** No. 4, from **6000** to **6000**
No. 2, from **6274** to **6446** No. 5, from **6020** to **6020**
No. 3, from **6020** to **6020** No. 6, from **6020** to **6020**
IMPORTANT WATER SANDS
No. 1, from **6020** to **6020** No. 8, from **6020** to **6020**
No. 2, from **6020** to **6020** No. 4, from **6020** to **6020**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Purpose
10-3/4	32.75		J-55	244					Surface
4-1/2	21.6		J-55	6535	Halliburton		6274	6446	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	244	400	Pump-plug	-	-
4-1/2	6535	300	-	-	-

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 **244** feet to **6538 TD** feet, and from _____ feet to _____ feet
Cable tools were used from **surface** feet to **244** feet, and from _____ feet to _____ feet

DATES

July 6, 19 **60** Put to producing **Shut-in for gas 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 **2421 AOF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1868**

EMPLOYEES

E. P. Campbell, Driller _____, Driller
1603 Broadway, Driller _____, Driller
Lubbock, Texas

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1790	1790	Surface gravels, Ojo Alamo, Kirtland, and Fruitland shales, sands, and coals
1790	1850	60	Pictured Cliffs sandstone
1850	3338	1488	Lewis shale
3338	4515	1177	Mesaverde sandstone and shale
4515	5434	919	Mancos shale
5434	5774	340	Gallup sandstone
5774	6170	396	Mancos shale
6170	6230	50	Greenhorn lime
6230	6345	115	Graneros sandstone and shale
6345	6538 TD	193	Dakota sandstone and shale

