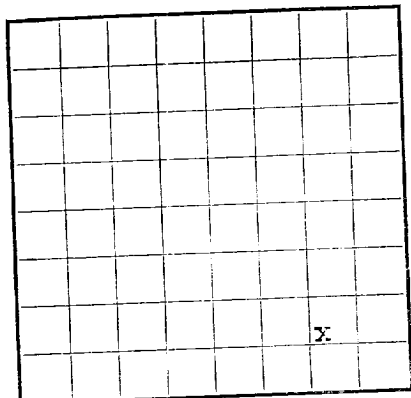
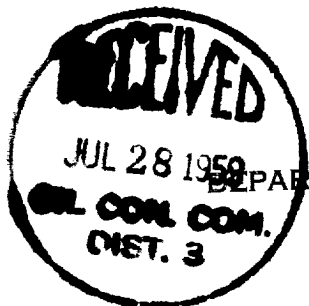




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES

Jicarilla Tribal
Contract No. 13
Tract No. 21

DEPARTMENT OF THE INTERIOR

RECEIVED

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMING

LOG OF OIL OR GAS WELL

Company Ken Blackford Address P. O. Box 108, Lubbock, Texas
Lessor or Tract Jicarilla Apache Field Otero PC State New Mexico
Well No. 2-23 Sec. 23 T. 24N R. 5W Meridian 10PM County Rio Arriba
Location 990 ft. N of E Line and 990 ft. E of E Line of Section 23 Elevation 6707'
(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 _____

Date July 20, 1959Title Operator

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

Commenced drilling 6-15, 1959 Finished drilling 6-25, 1959OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2390' to 2500' G No. 4, from _____ to _____
No. 2, from _____ to _____ 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 FD	OT&I	94'	Texas Pattern		2470	2486	Water Frac
4 1/2	9.5	8 FD	Spang	2564'	Baker		2452	2464	Water Frac
							2414	2428	Water Frac

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	104'	70	Pump		
4 1/2	2572'	160	Pump		

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 3329' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 10, 1959 Put to producing _____, 19____

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 1,660 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 710

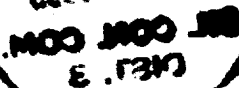
EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	104	104	Surface hole
104	660	556	Shale & Sand
660	1812	1152	Sand & Shale
1812	2232	420	Shale
2232	2534	302	Sand & Shale
2534	2760	226	Shale & Sand
2760	3329	569	Shale
		<u>3329'</u>	
			Top La Ventana <u>3223'</u> E.L. Top Pictured Cliffs <u>2390'</u> E.L. Plugged Back to <u>2534'</u> in Lewis Shale.

AT THE END OF COMPLETE DRILLER'S
LOG, ADD GEOLOGIC TYPE, STATE
WEATHERING, etc.



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.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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