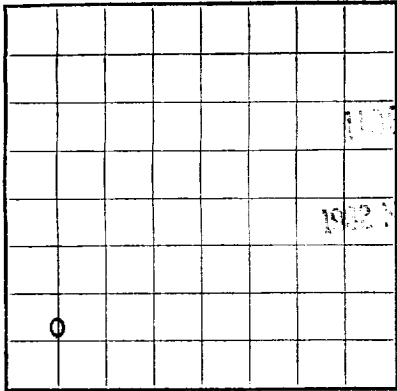


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM-03120
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

1421 Bank of the Southwest Bldg.
Houston 2, Texas

Company Curtis Hankamer Address _____
Lessor or Tract Continental Federal Field Wildcat State New Mexico
Well No. 1 Sec. 31 T. 23 R. 32E Meridian WPM County Lea
Location 660 ft. N. of 8 Line and 900 ft. E. of 4 Line of Sec. 31 Elevation 3551'
(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 Phil C. Hankamer Title Engineer
Date November 15, 1962

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

Commenced drilling September 22, 1962 Finished drilling October 6, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ 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	-	332	Tex. Pat.	-	-	Surface	
4-1/2	9.5	8	CP&J	4700	Float	4215	4658-4661	Production	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	332	125 SXS & 90 Gal 50 SXS & 20 Gal	Displacement		
4-1/2	4700	100 SXS & 50 gals Latex	"	9	

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 4740 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing Dry, 1962

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 _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Bill Jolly, Driller J. R. Wallace, Driller
T. O. Meador, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	245	245	Red bed & shales
245	333	333	Red bed
333	657	324	Red bed & anhydrite
657	866	209	Red bed
866	1001	135	Lime & sand
1001	1270	269	Anhydrite & salt
1270	3080	1810	Salt & anhydrite
3080	3765	685	Anhydrite
3765	3950	185	Salt
3950	4051	101	Anhydrite
4051	4353	302	Salt
4353	4632	279	Anhydrite
4632	4740	108	Sand
	TD 4740		

This well was cored from 4632' to 4735'. Two copies of core analysis are attached. Two copies of Electric Log are attached.

Log Tops: Base Lower Salt - 4354'
Top Delaware Lime - 4380'
Top Delaware Sand - ~~4614'~~ 4614'

