

U. S. LAND OFFICE L. C.
SERIAL NUMBER 029387 (6)
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company V. S. WELCH Address ARTESIA, NEW MEXICO
Lessor or Tract SHUGART D Field SHUGART State NEW MEXICO
Well No. D-4 Sec. 30 T18S R31E Meridian N.M.P.M. County EDDY
Location 2310 ft. N. of N. Line and 090 ft. W. of E. Line of Sec. 30 Elevation
(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 FEBRUARY 11, 1963 Title AGENT

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

Commenced drilling ~~2/12/1962~~ 11/13/62 Finished drilling 1/2/63, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3764** ----- to **3782** ----- No. 4, from ----- to -----
 No. 2, from **3742** ----- to **3756** ----- 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				768					SURVEY
5-1/2				3819					PRODUCTION
			HISLOKA DE OIL OK CVA ALBERTA				3781-3782		
							3742-3756		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	768	75	DENTON		

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
		105 mm	1000		50	50
		105 mm	1000		50	50
		105 mm	1000		50	50

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.

Put to producing 1/11/83, 19

The production for the first 24 hours was 300 barrels of fluid of which 100% 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. 2035 2035

EMPLOYEES

E. McDORMAN	28, Driller	CARLE TIDWELL	, Driller
	39, Driller		, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		2000	CLAY
		2100	CLAY
		2200	CLAY
		2300	CLAY
		2400	CLAY
		2500	CLAY
		2600	CLAY
		2700	CLAY
		2800	CLAY
		2900	CLAY
		3000	CLAY
		3100	CLAY
		3200	CLAY
		3300	CLAY
		3400	CLAY
		3500	CLAY
		3600	CLAY
		3700	CLAY
		3800	CLAY
		3900	CLAY
		4000	CLAY
		4100	CLAY
		4200	CLAY
		4300	CLAY
		4400	CLAY
		4500	CLAY
		4600	CLAY
		4700	CLAY
		4800	CLAY
		4900	CLAY
		5000	CLAY

AT THE END OF THE LINE, THE FOLLOWING IS THE LIST OF THE FORMATION:

CLAY

AT THE END OF THE LINE DOLLER'S
LOS. ADDRESS: 1000 G. STATE
WAY, LOS ANGELES, CALIF.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Location of well, State, County, Township, Range, Section, and other data, as far as known, and a description of the well, its construction, and the results of the work, 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.

The name and on this page is for the condition of the well, as far as known, and a description of the well, its construction, and the results of the work, 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.

LOG OF GAS SANDS OR SANDS
(If known, give the name of the well, its location, and the results of the work, 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.)

CASING RECORD
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 "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.

FROM—	TO—	TOTAL FEET	FORMATION
		350	RED BEDS
		445	SAND AND RED BEDS
		520	RED BED
		550	ANY.
		565	R.B.
		675	ANY.
		685	R.B.
		750	ANY.
		755	SALT
		790	ANY & SALT
		1850	SALT
		2400	ANY.
		2419	SAND & SHALE
		2450	ANY.
		3404	ANY.
		3427	SAND
		3448	SAND
		3466	SAND
		3482	SAND
		3515	LINE
		3546	SAND & LINE
		3580	SAND
		3619	SAND & LINE
		3650	LINE
		3666	SAND & LINE
		3675	LINE
		3690	LINE
		3750	LINE
		3785	SAND
		3847	LINE
		522	TOP OF ANY.
		730	TOP OF SALT
		1850	BASE OF SALT
		2120	TOP OF LATER
		2502	TOP OF 7-RIVERS
		3164	TOP OF QUEEN
		3682	TOP OF CHATELAIN