

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029420 (a)

LEASE OR PERMIT TO PROSPECT

RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

ARTESIA, NEW MEX. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil CompanyAddress Box 38 - Hobbs, New MexicoLocation Box 38 - Hobbs, New MexicoWell No. 4 Sec. 15 T. 17S R. 31E Meridian N.M.P.M. County EddyLocation Box 38 - Hobbs, New Mexico Line and 1932 W. Line of Sec. 35 Elevation 3902' DF

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 [Signature] Date August 2, 1959

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

Commenced drilling June 23, 19 59 Finished drilling July 25, 19 59

OIL OR GAS SANDS OR ZONES

No. 1, from 3316' to 3494' No. 4, from 3316' to 3494'No. 2, from 3316' to 3494' No. 5, from 3316' to 3494'No. 3, from 3316' to 3494' No. 6, from 3316' to 3494'No. 7, from 3316' to 3494' No. 8, from 3316' to 3494'No. 9, from 3316' to 3494' No. 10, from 3316' to 3494'

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"	780	95	Halliburton	3666'	Fixed	3316'	3316'	3494'	Production
5-1/2"	3555	360	"	"	"	"	"	"	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	780	95	Halliburton	—	—
5-1/2"	3555	360	"	—	—

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 feet to feet, and from feet to feetCable tools were used from 0 feet to 3666' feet, and from feet to feet

DATES

Put to producing August 5, 19 59The production for the first 24 hours was 130 barrels of fluid of which 99.9% was oil; % emulsion; % water; and .1% sediment.Gravity, °Bé. 34.0If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas Rock pressure, lbs. per sq. in.

EMPLOYEES

Allen, Driller Rinehart, DrillerGentry, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	533	533	Sand & redbeds
533	722	189	Anhydrite
722	1684	962	Salt
1684	1853	169	Anhydrite
1853	2176	323	Sand & anhydrite
2176	2800	624	Dolomite, anhydrite & sand
2800	2986	186	Sand & anhydrite
2986	3218	232	Sand
3218	3503	285	Dolomite & sand
3503	3552	49	Sand
3552	3666	114	Dolomite
3666 Total Depth Drilled			

GEOLOGICAL TOPS BY MCCULLOUGH GAMMA RAY-NEUTRON LOG:

Top Anhydrite	533'
Top Salt	722'
Base Salt	1684'
Top Yates	1853'
Top 7-Rivers	2176'
Top Queen	2800'
Top Penrose	2986'
Top Grayburg	3218'
Top Premier	3503'
Top San Andres	3552'

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS. STATE WHETHER FROM LOG OR SAMPLES.

