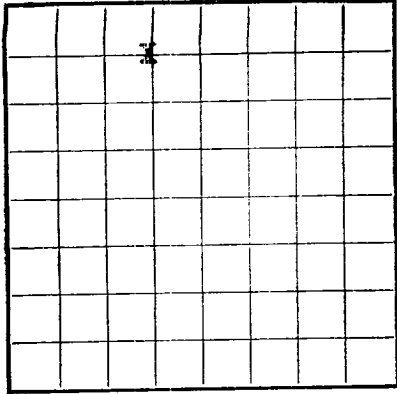


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 031622 (b)
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract Sanderson B-10 Field Eumont State New Mexico
Well No. 6 Sec. 10 T. 20S R. 36E Meridian N.M.F.S. County Lea
Location 660 ft. ^[N] of N. Line and 1980 ft. ^[E] of N. Line of Section 10 Elevation 3609'
(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 [Signature]

Date November 9, 1955 Title District Superintendent

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

Commenced drilling September 21, 1955 Finished drilling October 9, 1955

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3790 to 3975' 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#	8R	J-55	315'	Guide Shoe				
5-1/2	14#	8R	J-55	4019'	Guide Shoe A				
5-1/2	14#	8R	H-40	69'	Floot Collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	325'	225	Pump & Plug		
5-1/2	4059'	1439	Pump & Plug		

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 4060' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing October 16, 1955.
The production for the first 24 hours was 876 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 36
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. O. Cole, Driller J. W. Ellis, Driller
O. E. Kelton, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1305	1305	Redbeds.
1305	1400	95	Anhydrite.
1400	2646	1246	Salt & Anhydrite.
2646	2797	151	Anhydrite & Lime.
2797	3130	333	Sand, Anhydrite & Dolomite.
3130	3680	550	Dolomite.
3680	4060	380	Dolomite & Sand.

T.D. 4060'. PED 3996'. Formation Line. Elevation 3609'. DF 10' above ground. Pay Queen 3790-3975'. Casing point 5 1/2" at 4059'. 5 1/2" casing was perforated from 3954-3975' with 84 shots, from 3790-3800' with 40 shots, from 3810-3834' with 96 shots, from 3870-3886' with 64 shots, from 3902-3908' with 24 shots, from 3917-3924' with 28 shots, from 3928-3932' with 16 shots. On initial potential flowed 146 bbls. of 36 deg gravity oil no water in 4 hours, thru 3/4" choke on 2" tubing. TP 150#. OP 600#. Daily potential 876 bbls. oil with 285 MCF gas, GOR 325. Estimated daily allowable 39 bbls. oil, effective 10-16-55. Acidized perforations 4012-4026' with 1,000 gals. and sandfraced with 6,000 gals. frac oil using 1# sand and .1# Adomite per gal. Acidized perforations 3954-3975' with 1,000 gals. and sandfraced with 6,000 gals. frac oil using 1# sand and .1# Adomite per gal. Acidized perforations 3790-3800', 3810-3834', 3870-3886', 3902-3908', 3917-3924' and 3928-3932' with 2,000 gals. acid and sandfraced with 12,000 gals. sand oil using 1# sand and .1# Adomite per gal. Well was not shot. Pipe Line Connected: Atlantic Pipe Line Company. Date spudded 9-24-55. Drilling completed 10-9-55. Date rig released 10-10-55. Date tested 10-21-55. Tops: Anhydrite 1325', Salt 1410', Base Salt 2675', Yates 2824', Seven Rivers 3160', Queen 3684', Grayburg 3975'.

