

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031741 b
~~LEASE OR PERMIT TO PROSPECT~~ Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract W. C. Hawk B-10 Field North Brunson State New Mexico
Well No. 3-E Sec. 10 T. 21S R. 37E Meridian N.M.P.M. County Lea
Location 1900 ft. XX of N Line and 660 ft. XX of E Line of Sec. 10 Elevation 3427
S. W.

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.

Date **October 8, 1951** Signed *H. Jacobs*
Title Asst. Dist. Supt.

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

Commenced drilling 6-29-51, 1951 Finished drilling 8-1-51, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by $\odot$)

(Denote gas by G)

No. 1, from 7544 to 7690	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—	
10 3/4	Taylor & Co.	Spiral Weld	250	Guide					
1 1/2	J-55	3123	P. Collar	& G. Shoe					
1 1/2	J-55	4112							
1 1/2	J-55	1343	P. Collar	& G. Shoe					
1 1/2							(See History)		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	260	250	Pump & Plug		
7 5/8	3099	1695	Pump & Plug		
5 1/2	7727	529	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 7728 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

_____, 19____ Put to producing _____ 19____

The production for the first 24 hours was 107% barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity °Bé 12

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in.

EMPLOYEES

B. G. Dunn	Driller	M. C. Foulds	Driller
J. C. Edwards	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1250	1250	Red beds and surface sands.
1250	1340	90	Anhydrite.
1340	2410	1070	Salt and anhydrite.
2410	2754	344	Anhydrite and gypsum.
2754	7450	4696	Lime.
7450	7510	60	Lime, shale and sand.
7510	7728	218	Lime.
DST #1, 6130-6330', open 1 hr., light cut mud.			blow air thruout test. Rec. 20' slightly gas-
DST #2, 6535-6735', min-run.			
DST #3, 6505-6735', open 1 1/2 hrs., gas in 48 mins., small amount. Rec. 900' heavy oil and gas cut-mud.			
DST #4, 7466-7558', open 1 hr. 35 mins., gas in 3 mins. Tested 9,000 MCF gas per day.			
DST #5, 7568-7728', open 1 hr. 20 mins., gas in 4 mins. Flowed 81.5 bbls. oil, no water, in 1 hr., w/1930 MCF gas per day.			
Perforated 5 1/2" casing 7584-7612', 7622-7656', and 7666-7690' w/4 shots per foot.			
Acidized thru perforations w/1000 gals. Completed for initial potential of 1076 bbls. oil per day, no water, based on 6 hr. test of 269 bbls. oil, flowing thru 24/64" choke on 2 1/2" tubing w/932.5 MCF gas per day. GOR 867. CP 150#, TP 975#.			

