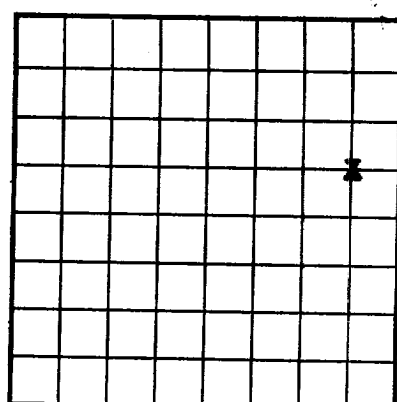
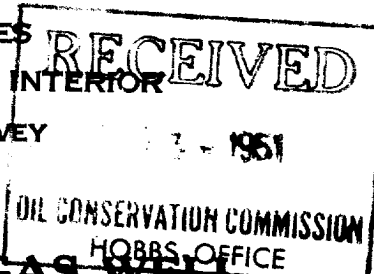


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031741 (b)
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box CC, Hobbs, New Mexico
Lessor or Tract W. C. Hawk B-3 Field Undesignated State New Mexico
Well No. 3-E Sec. 3 T. 21S R. 37E Meridian N.M.P.M. County Lea
Location 2970' (S) of N Line and 660' (W) of E Line of Section 3 Elevation 3480
(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 E. L. ShaperDate August 2, 1951 Title District Superintendent

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

Commenced drilling May 2, 1951 Finished drilling June 15, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8046 to 8170 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	32.75	82	M-40	266	Guide				Shut off water
7 5/8	24	82	M-40	3187	F. Collar & G. Shoe				protect salt
5 1/2	17	82	J-55	3224					Section
5 1/2	14	82	J-55	3569					
5 1/2	15.5	82	J-55	3661	F. Collar & G. Shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	265	250	Pump & Plug		
7 5/8	3149	1235	Pump & Plug		
5 1/2	8187	650	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 8191 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 5, 1951The production for the first 24 hours was 1896 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 44 deg.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. G. Gibbs, Driller V. L. Lewis, Driller
Otha Ward, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1270	1270	Surface sands and red beds.
1270	1389	119	Red beds and anhydrite.
1389	2720	1331	Anhydrite and salt.
2720	2795	75	Anhydrite and gyp.
2795	3088	293	Line and gyp.
3088	7625	4537	Line.
7625	7647	22	Shale.
7647	7732	85	Line and shale.
7732	7878	146	Sand and shale.
7878	8170	292	Line and shale.
8170	8191	21	Granite wash.
DST #1 (McKee) from 7689 to 7806', packer failed to hold.			
DST #2 (McKee) from 7731 to 7806', tool open 1 hr. 40 mins. Gas to surface in 4 mins., fluid in 25 mins., flowed 10 mins. cleaning up, then flowed 35.18 bbls. oil, no water, in 1 hr. with 663.9 MCF per day, GOR 786.			
DST #3 (Connell) from 7749 to 8001', packer failed.			
DST #4 (Connell) from 7727 to 8001', packer failed.			
DST #5 (Connell) from 7771 to 8001', tool open 1 hr. 55 mins. Gas to surface in 6 mins., fluid in 30 mins. Flowed 35 bbls. oil, no water, in 1 hr. Gas 607.4 MCF per day, GOR 707.			
DST #6 (Ellenburger) from 8050 to 8191', tool open 2 hrs., good blow air throughout test. Recovered 45' drilling fluid, no oil or gas.			
Drilled to total depth 8191', set 5 1/2" casing at 8187'. Perforated 5 1/2" casing from 8140 to 8172' w/128 shots. Acidized w/1000 gals., reacidized w/3000 gals. Swabbed well in. On initial potential flowed 474 bbls. oil, no water, in 6 hrs. thru 1" choke on 2 1/2" tubing for a daily potential of 1896 bbls. oil. Gas volume 1552 MCF per day. GOR 819. CP 64, TP 6004.			

LOCALIZATION KEY: OKD—CONVENTION

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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.

[illegible][illegible]

ГОС ОЕ ОИГ ОБ СВЗ АЕЕЕ

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

ГЛУБИНА СЪЗНАНИЯ ДО БЪНОВЕСТИ

REPORT OF COMMISSION

CONFIDENTIAL