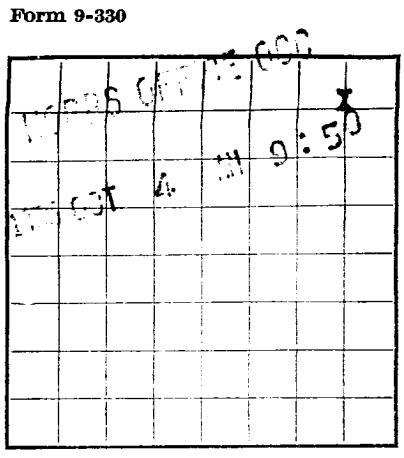
Budget Bureau No. 42-R-355.3
Approval expires 12-31-55.

Form 9-330



LOCATE WELL CORRECTLY

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

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-4 Field Eumont State New Mexico

Well No. 1 Sec. 4 T. 20S R. 36E Meridian N.M.P.M. County Lea

Location 660 ft. [N.] S. of N Line and 660 ft. [E.] W. of E Line of Section 4 Elevation 3638'
(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 September 29, 1955 Title District Superintendent

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

Commenced drilling August 3, 1955 Finished drilling August 14, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3894' to 4079' 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 From—	Perforated To—	Purpose
8 5/8	24#	8R	J-55	310'	Guide Shoe				
5 1/2	14#	8R	J-55	4126'	Guide Shoe & Float Collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	322'	225	Pump & Plug		
5 1/2	4099'	1,308	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 4100 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

....., 19..... Put to producing September 1, 19 55

The production for the first 24 hours was 366 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. R. Powell, Driller G. W. Grant, Driller

T. N. Downs, 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	4100	420	Dolomite & Sand.

T.D. 4100'. PBD 4090'. Elevation 3638' DF. Derrick floor 10' above ground. Pay Queen 3894-4079'. 5 1/2" casing was perforated from 4065-4079' with 56 shots, from 4020-4050' with 120 shots, from 4001-4008' with 28 shots, from 3932-3958' with 104 shots, from 3894-3910' with 64 shots. On initial potential swabbed 61 bbls. of 36 deg. gravity oil, no water in 4 hours, thru 2" tubing. Daily potential 366 bbls. oil with gas TSTM. Estimated daily allowable 39 bbls. oil, effective 9-1-55. Well was acidized with 500 gals. from 4065-4079' and sandfraced with 6,000 gals. fuel oil with 1# sand and .1# Adomite per gal. Acidized with 500 gals. from 4020-4050' and sandfraced with 6,000 gals. fuel oil with 1# sand and .1# Adomite per gal. Sandfraced with 15,000 gals. from 4020-4050', using fuel oil with 1# sand and .1# Adomite per gal. Acidized with 500 gals. from 4001-4008' and sandfraced with 4,000 gals. refined oil with 1# sand and .1# Adomite per gal. Acidized with 1,000 gals. and sandfraced with 6,000 gals. fuel oil with 1# sand and .1# Adomite per gal. from 3932-3958'. Acidized with 1,000 gals. acid and sandfraced with 6,000 gals. fuel oil using 1# sand and .1# Adomite per gal. from 3894-3910'. Well was not shot. Atlantic Pipe Line Company connected. Date well spudded 8-3-55. Drilling completed 8-14-55. Date tested 9-3-55. Rig released 8-15-55.

The following tops were reported:

Anhydrite 1405', Salt 1510', Base Salt 2812', Yates 2970', Seven Rivers 3320', Queen 3880'.

[OVER]

16—43094-8

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.