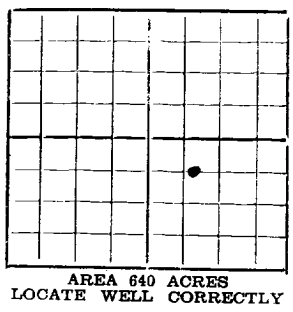
Rec'd and Fwd.
1-16-32
T. A. Stancliff
State Oil & Gas Inspector

Form SG 108

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST
(STATE DEAF, DUMB & BLIND SCHOOL LAND)

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Continental Oil Company Address Ponca City, Okla.

Send correspondence to H.B.Hurley Address Box 787, Hobbs, N.Mexico

State A-33 Well No. 4 in S.E.1/4 of Sec. 33, T. 18S,

R. 38E, N. M. P. M., Hobbs Oil Field Lea County.

If State land the oil and gas lease is No. 1148 Assignment No.

If patented land the owner is , Address

The lessee is Continental Oil Company, Address Ponca City, Okla.

If not state or patented land, give status

Drilling commenced Sept. 21 19 31. Drilling was completed Nov. 20 19 31

Name of drilling contractor Carl B.King, Address Tulsa, Okla.

Elevation above sea level at top of casing surface 3632.63 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2780 to 2800 Gas No. 4, from 3660 to 3690 Gas

No. 2, from 3155 to 3165 " & oil No. 5, from 3928 to 4051 " & oil

No. 3, from 3205 to 3260 " " No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 75 to 85 No. 3, from 155 to 195

No. 2, from 89 to 125 No. 4, from to

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
15½"	70#	8	Natl.	216'1"	T.P.				
9-5/8"	40#	8	"	2750'6"	Baker				
7"	24#	10	"	3912'9"	"				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15½"	232	425	Halliburton	(200 sks. inside & 225 outside)	
9-5/8"	2757	600	"		
7"	3928	325	"		

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 4154 feet, and from feet to feet

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

PRODUCTION

Put to producing First test Nov. 12, 1931
Proration test

The production of the first 24 hours was 3219 barrels of fluid of which 46 % was oil; 24 % emulsion; 30 % water; and % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in. 1250

EMPLOYES

Mike Hines, Driller W.E.Lemaster, Driller

, Driller , Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 8 day of December, 1931

Name

Postion District Superintendent

Representing Continental Oil Company
Company or Operator

Notary Public.

My commission expires July 2 1932

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	I5	I5	Cellar
I5	28	I3	Caliche
28	30	2	Lime shell
30	50	20	Sand
50	75	25	" & caliche
75	85	I0	Water sand --- Hole full water
85	89	4	Lime
89	I25	36	Sand
I25	I30	5	Indian flint
I30	I45	I5	Sand
I45	I50	5	Lime
I50	I55	5	Indian flint
I55	I95	40	Sand
I95	200	5	Gypsum
200	207	7	Sand
207	2I0	3	Blue shale
2I0	2I8	8	Blue shale
2I8	220	2	Blue flint
220	950	730	Red rock
950	I284	334	Shale & sandy shells
I284	I533	249	Sand & anhydrite
I533	I690	I57	Anhydrite
I690	2532	842	Salt ----- Top salt I690'
2532	2770	238	Anhydrite
2770	2780	I0	Brown lime
2780	2800	20	Sandy lime
2800	2925	I25	Gray shale
2925	3I55	230	Anhydrite
3I55	3I65	I0	Sand ----- Show oil 3I55'
3I65	3260	95	Sand & shale -- " " 3240'
3260	33I5	55	Anhydrite
33I5	3325	I0	Sandy shale
3325	3335	I0	Hard gray sand
3335	3440	I05	Sandy shale
3440	3660	220	Anhydrite ----- Gas at 3660'
3660	3690	30	Hard sand
3690	3740	50	Lime
3740	38I8	78	Broken sandy lime
38I8	3874	56	Lime & anhydrite
3874	3930	56	Brown lime
3930	3959	29	" " broken
3959	3970	II	" " hard
3970	40I5	45	" " soft ---- Lost returns 3990'
40I5	405I	36	" " " & hard streaks
405I	4II0	59	" " very soft
4II0	4II5	5	" " hard
4II5	4I23	8	" " soft
4I23	4I30	7	" " hard
4I30	4I32	2	" " soft
4I32	4I40	8	" " hard
4I40	4I44	4	" " soft
4I44	4I54	I0	" " hard

Well blew out at 405I'. Tested I65 bbls.hr. through I-4" outlet half open.Gas 70 mill. Connected large separator for further test. Flowed at rate of 266 bbls.per hr., gas I58,500,000.
Completed by running 4I53' of 3" 3.90 lb. ext.upset tubing.with canvas packer set at 3980'.
Potential test: 32I9 bbls. open flow
I30 bbls. through tubing
Gas 65,2I8,560 cu.ft. open
29,2I3,000 cu.ft.through tubing