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NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY
Continental Oil Co.

Company _____ Address _____
Send correspondence to **Dist. Supt.** _____ Address _____
W.D. Grimes _____
Well No. **1** in **SE 1/4** of Sec. **28**, T. **18S**
38E, N. M. P. M., **Hobbs** Oil Field **Lea** County.
If State land the oil and gas lease is No. _____ Assignment No. **Hobbs N. Mexico.**
If patented land the owner is _____ Address _____
The lessee is _____ Address _____
If not state or patented land, give status _____
Drilling commenced **6-6-34** 19____ Drilling was completed **7-14-34** 19____
Name of drilling contractor **E.F. Moran** Address **Tulsa Okla.**
Elevation above sea level at top of casing **5459.55** feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **3177** to **3185** No. 4, from _____ to _____
No. 2, from **4019** to **4045** No. 5, from _____ to _____
No. 3, from **4061** to **4217** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **119** to **126** No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-5/8"	48 1/2	8	Natl	208' 8"	T.P.				
9-5/8"	36 1/2	8	"	1656'	Baker Cement Guide shoe.				
7"	24 1/2	10	"	3975' 3"	"	"	"	"	Float collar.
3" Tubing 9.3		10 1/2	"	4255' 11"	Set at 4215 bottom	Perforated 4210 to 4215.			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-5/8"	222'	180	Halliburton		
9-5/8"	1657'	200 300	"		
7" O.D.	3975'	400	"	12 Lb. mud circulated around 7" casing before cementing.	

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
See Reverse side for Acid treatment results.						

TOOLS USED

Rotary tools were used from **0** feet to **4217** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **7-14-34**, 19____.
The production of the first 24 hours was **6788** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. **35**
If gas well, cu. ft. per 24 hours **19,866,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1200#**
Above production figures are after acid treatment.

EMPLOYEES

E.D. Ross _____, Driller **W.D. Dorsey.** _____, 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 **6th** Name **W.D. Grimes**
day of **August** 19**34** Position **District Supt.**
H. Spratt Notary Public. Representing **Continental Oil Co.**
My commission expires **June 1935** Company or Operator.

DUPLICATE

AUG - 8 1934

APPROVED AS O. K.

BY **W.D. Grimes**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	119	119	Caliche & sand
119	126	7	Grey sand
126	219	93	Caliche and sand rock shells
219	225	6	RedBeds.
225	1490	1265	RedBeds & Shells
1490	1778	288	Anhy & Broken lime & Gyp
1778	1890	112	Anhydrite & Salt.
1890	2270	380	Salt.
2270	2330	60	Anhydrite Salt & Potash
2330	2540	210	Salt & Shells
2540	2572	32	Anhydrite
2572	2670	98	Salt & Anhydrite
2670	2700	30	Broken Lime.
2700	2781	81	Lime
2781	2785	4	Sand
2785	2838	53	Broken Lime
2838	2935	112	Sandy Lime Gas at 2935
2935	3098	143	Lime & Shale
3098	3103	5	Sandy Lime
3103	3159	56	Lime
3159	3165	6	Blue Shale
3165	3173	10	Lime & Shale.
3173	3177	2	Lime
3177	3210	33	Sand Lime & Shells, Showing oil
3210	3400	190	Grey Lime
3400	3436	36	Grey Shale
3436	3500	64	Broken Lime
3500	4000	500	Grey Lime Hard.
4000	4019	19	White Lime. Top of White Lime 4000'
4019	4217	198	Sandy Lime Showing Oil & Gas. T.D.

Well Completed started flowing in pits morning of July 14th to clean up, until 10am when some was turned into tanks showing 28% drilling water in order to get a prorotation test and get an allowance for the last half of June. Well Flowed open 1 hour thru tubing at rate of 2819 bbls fluid 29 1/2% Drilling water net oil 1999 bbls Gas 9,862,000 cu. ft. Open thru Casing 1 hour flowed at rate of 4552 bbls of fluid 28-3/4% Drilling water Net oil 3244 bbls Gas 14,901,000 cu. ft. Allowance July 16th to 31st 95 bbls per day.

Well Was treated with 1000 gallons of Dow X Acid by Dowell Chemical Co. on July 16th, 1934. using 144 bbls oil ahead of acid to kill well and 55 bbls oil load behind acid. Maximum pressure while pumping in acid 360Lbs. Well Swabbed in after acid treatment July 19th and flowed its allowable production until July 30th, when it was given an official prorotation test and flowed open 1 hour thru tubing at rate of 4982 bbls oil Gas 9,392,492 Cu.Ft. Open 1 hour thru tubing and casing flowed at rate of 6788 Oil Gas 19,866,009 cu. ft per 24 hours.

Gas-Oil ratio flowing allowance of 142 bbls per day is 350 to 1.