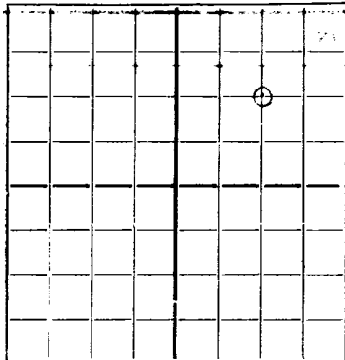


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Company or Operator **A. G. Hill** Lease **Gardner Federal**  
 Well No. **1** in **NE 1/4** of Sec. **15**, T. **25N**  
 R. **2W**, N. M. P. M., **Wildcat** Field, **Rio Arriba** County.  
 Well is **1320** feet south of the North line and **1320** feet west of the East line of **Section 15**  
 If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
 If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
 The Lessee is **A. G. Hill**, Address **700 Mercantile Bank Building Dallas, Texas**  
 Drilling commenced **November 7** 19 **50** Drilling was completed **December 17**, 19 **50**  
 Name of drilling contractor **Continental Drilling Company**, Address **Box 186, Tyler, Texas**  
 Elevation above sea level at top of casing **7308** feet.  
 The information given is to be kept confidential until **Released Now** 19 \_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **3474'** to **3560'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **155'** to **210'** feet. \_\_\_\_\_  
 No. 2, from **1105'** to **1600'** feet. \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
10 3/4"	32#		Youngstown	87'	Baker Float			Surface Pipe
5 1/2"	15.50#		Youngstown	3478'	Baker Float			Oil String
2"	4.7#		Youngstown	3511'				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
27 1/4"	10 3/4	87	65	Pump & Plug		
	5 1/2	3478	200	Pump & Plug		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
4 1/4"		Nitroglycerin	175 qts.	12-14-50	3481-3555	3570'

Results of shooting or chemical treatment \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from **0** feet to **3483** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from **3483** feet to **3575** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to producing **Not**, 19 \_\_\_\_  
 The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours **600,000** Gallons gasoline per 1,000 cu. ft. of gas **?**  
 Rock pressure, lbs. per sq. in. **850#**

## EMPLOYEES

**M. H. LaRoux**, Driller **R. A. Odom**, Driller  
 \_\_\_\_\_, Driller **A. H. Odom**, 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 **12th day of** **Abilene, Texas** **December 12, 1951**  
**December 1951** Name **J. A. Miller**  
 day of \_\_\_\_\_, 19 \_\_\_\_ Position **Superintendent**  
**Ida Bea Naylor** **Taylor County, Texas** Representing **A. G. Hill**  
 Notary Public Company or Operator.  
 My Commission expires **June 1, 1951** Address **107 Garrison Building Abilene, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	100	100	Sand & Boulders
100	275	175	Sand & Boulders
275	537	262	Sandy Shale & Shells
537	610	73	Shale & Chert
610	940	330	Sand & Shale
940	1314	374	Sticky Shale
1314	1728	414	Sand & Shale
1728	1915	187	Sticky Shale & Shells
1915	2064	149	Sand, Shale, Shells
2064	2174	110	Shale
2174	2590	416	Shale & Sand
2590	2815	225	Shale
2815	2836	21	Shale & Lime
2836	2848	12	Sand & Shale
2848	2860	12	Shale & Lime
2860	2973	113	Sand, Shale, Shells
2973	3116	143	Sandy Shale & Chalk
3116	3123	7	Hard, Fine Grained Sand
3123	3127	4	Sand, Coarse, Conglomeritic
3127	3327	200	Sandy Shale
3327	3363	36	Hard Shale
3363	3415	52	Sand, Coal, Shale
3415	3442	27	Coal, Shale Streaks
3442	3468	26	Shale
3468	3478	10	Sandy Shale
3478	3486	8	Sand - Picture Cliff
3486	3493	7	Sand (Show Gas 3483' to 3493')
3493	3500	7	Shale w/Streaks Gray, Lignitic Sand
3500	3519	19	Shaley Sand
3519	3529	10	Sand, Clean, Gray to Dark Gray. Fine Grained.
3529	3538	9	70% Gray, Fine Grained Sand; 30% Black Shaley Sand.
3538	3555	17	Sand, Gray, Fine Grained, Lignitic, Dark Colored.
3555	3560	5	Sand, Clean, Fine Grained, Dark Colored.
3560	3575 T.D.	15	Sandy Shale

November 18, 1950

CORE #1

3108' - 3119'

Recovered 10' 8"

7' Sand - Hard, fine grained, greenish, slight porosity. Bentonitic. No Show. Slight sulphur odor.

3 1/2' Sand - Conglomeritic, angular grained, quartzitic, very coarse grained, fairly good porosity. Gray. No Show. Slight sulphur odor.

2" Sand - Very hard, dense, greenish crystalline, very well cemented.

November 19, 1950

DRILLSTEM TEST #1

From 3113' to 3167'

Tool Open 45 Minutes

Good Blow Throughout

Recovered 1620' gas out fresh water

Flowing Pressure 260# to 1040# PSI final.

SIP 1160 Mud Pressure 2130 PSI

November 21, 1950

CORE #2

3458' - 3463'

Recovered 5'

1' Shale - Black, brittle

6" Sand - Very hard, fine grained, gray with thin shale laminations

18" Shale - Black, brittle W/S gray, tight, fine grained sand

1' Sand - Gray, fine grained, very hard and tight.

W/S Shale N. S.

6" Shale - Black, lignitic W/S hard gray sand.

Odor on fresh break.

6" Sand - Hard, gray, fine grained W/S carboniferous material or lignite. Scattered fluorescence. N. S.