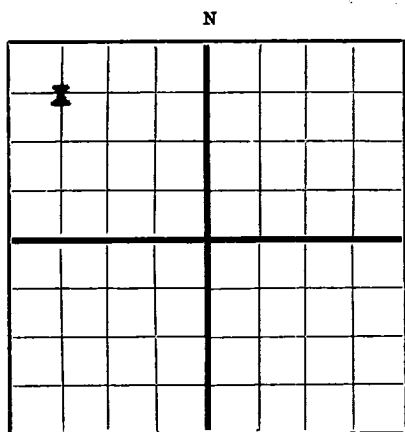


DUPLICATE

RECEIVED
AUG 16 1948
LUBBOCK COUNTY
TOLSON'S OFFICE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Delfern Oil Company Lubbock, Texas
Company or Operator Address
Lea-State A Well No. **3** in **NE 1/4 NW 1/4** of Sec. **8**, T. **17-S**
Lease
R. 34-E, N. M. P. M. **Vacuum** Field, **Lea** County.
Well is **680** feet south of the North line and **4620** feet west of the East line of.
If State land the oil and gas lease is No. **E-1085** Assignment No. **1**
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is **Jack Markham** Address **Lubbock, Texas**
Drilling commenced **June 25**, 19 **48** Drilling was completed **August 11**, 19 **48**
Name of drilling contractor **Geo. P. Livermore, Inc.** Address **Lubbock, Texas**
Elevation above sea level at top of casing **4104** feet.
The information given is to be kept confidential until **Not Confidential** 19

OIL SANDS OR ZONES

No. 1, from **4640'** to **4649'** 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 to feet.
No. 2, from to 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		PURPOSE
							FROM	TO	
8-5/8"	28#	8rd	Nat'l.	305'					
5-1/2"	14#	8rd	Nat'l.	4620'	HowCo		1610		Squeeze Job

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10 3/4"	8-5/8"	305'	150	Pump & Plug		
7-5/8"	5-1/2"	4620'	300	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
1000 gals.		Acid	1000 gals.	8-9-48	4629-4649'	
5000 gals.		"	5000 "	8-12-48	4629-4649'	

Results of shooting or chemical treatment **Swabbed 1 1/2 bbls. oil per hour after 1000 gallon treatment. Swabbed 3 bbls. per hour after 5000 gallon 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 **4624'** feet, and from feet to feet
Cable tools were used from **4624'** feet to **4649'** feet, and from feet to feet

PRODUCTION

Put to producing **August 12**, 19 **48**
The production of the first 24 hours was **48** barrels of fluid of which **99** % was oil; **1** % emulsion; % water; and % sediment. Gravity, Be **37.2**
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. C. Coense Rotary Driller **Wayne Ross** Cable Tool Driller
Boyer Thompson Rotary Driller **John Bradley** Cable Tool Driller
L. M. Smith Rotary

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 **13th** day of **August**, 19 **48**
P. D. Linn Notary Public in and for Lubbock County, Texas.
My Commission expires **June 1, 1949.**

Lubbock, Texas **August 13, 1948**
Place Date
Name **Wayne Ross**
Position **Vice-President**
Representing **Delfern Oil Company**
Company or Operator
607 Lubbock National Building
Address **Lubbock, Texas.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	316	316	Surface
316	1237	921	Red Bed
1237	1500	263	Red Bed & Shells
1500	1682	182	Anhydrite & Shale
1682	2044	362	Anhydrite, Shale & Salt
2044	2350	306	Salt, Anhydrite, & Shells
2350	2725	375	Anhydrite, Shale, & Salt
2725	3007	282	Anhydrite & Shale
3007	3066	59	Shale, Anhydrite, & Shells
3066	3140	74	Shale
3140	3215	75	Anhydrite & Shale
3215	3242	27	Shale & Lime
3242	3487	245	Anhydrite & Shale
3487	3527	40	Anhydrite & Lime
3527	3716	189	Shale, Anhydrite, & Lime
3716	3793	77	Anhydrite & Lime
3793	3842	49	Anhydrite, Shale, & Lime
3842	3888	46	Anhydrite & Lime
3888	3918	30	Lime, Shale & Anhydrite
3918	3958	40	Anhydrite & Lime
3958	4010	52	Anhydrite, Shale, & Lime
4010	4032	22	Anhydrite & Lime
4032	4120	88	Anhydrite, Shale & Lime
4120	4140	20	Lime
4140	4208	68	Anhydrite, Shale, & Lime
4208	4217	9	Lime
4217	4322	105	Anhydrite, Shale & Lime
4322	4339	17	Lime
4339	4376	37	Lime, Shale & Anhydrite
4376	4417	41	Lime & Shale
4417	4439	22	Lime
4439	4469	30	Lime, Shale, & Anhydrite
4469	4523	54	Lime
4523	4543	20	Lime, Shale & Anhydrite
4543	4577	34	Lime
4577	4585	8	Lime & Shale
4585	4649	64	Lime
4649' - Total Depth			