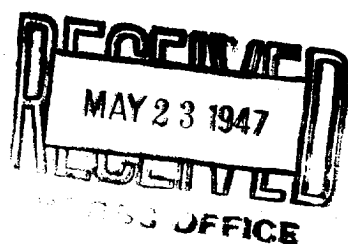


DUPLICATE

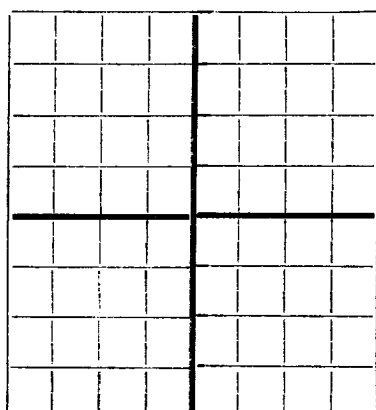


FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Allen Hargrave P.O. Box 313, Midland, Texas
Company or Operator Address
State Well No. 1 in SW/4 SW/4 of Sec. 1, T. 23-S
Lease
R. 34-E, N. M. P. M., Field, Lea County.
Well is 660 feet south of the North line and 660 feet west of the East line of SW/4 SW/4
If State land the oil and gas lease is No. B-6809 Assignment No. 1
If patented land the owner is, Address
If Government land the permittee is, Address
The Lessee is Allen Hargrave, Address Midland, Texas
Drilling commenced Dec. 5, 1947 Drilling was completed May 19, 1947
Name of drilling contractor C.A. Martin, Address Carlsbad, New Mexico
Elevation above sea level at top of casing 3369 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from to 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 625 to 630 feet 400 feet
No. 2, from 830 to 830 feet 700 "
No. 3, from 4447 to 4455 feet Hole full
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	
13"		8	-	302	Texas				
10 3/4" 40#		8	-	765	-				
8 5/8"			-	1350					
7" 24#		11	-	2336	Texas				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED

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

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

PRODUCTION

Put to producing, 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 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Ray Ferrell, Driller
O.B. Bryan, 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 22nd day of May, 1947
Cecile S. Latham Notary Public
My Commission expires June 1, 1947

Midland, Texas May 22, 1947
Name Allen Hargrave
Position
Representing
Company or Operator
Address

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	178		sand
178	187		hard sand
187	190		lime
190	275		sand
275	605		red shale
605	625		red rock
625	635		sand water
635	655		blue shale
655	675		red shale
675	710		sandy brown shale
710	730		sandy shale
730	755		red bed
755	770		red shale
770	805		red bed
805	815		red shale
815	880		red shale sandy
880	930		sand
930	955		red shale
955	980		red rock
980	1005		sandy red rock
1005	1035		red rock
1035	1060		red bed
1060	1090		sandy red rock
1090	1130		red shale
1130	1160		red bed
1160	1175		shale
1175	1200		red rock
1200	1215		shale
1215	1245		red rock
1245	1260		shale
1260	1295		red rock
1295	1310		shale
1310	1330		red rock
1330	1345		shale
1345	1350		red rock
1350	1360		shale
1360	1465		red rock
1465	1510		shale
1510	1585		red rock
1585	1635		red mud
1635	1725		red rock
1725	1850		anhydrite
1850	1870		red mud
1870	1905		anhydrite
1905	1985		red mud
1985	2005		salt and anhydrite
2005	2095		salt
2095	2140		salt and shale
2140	2175		salt
2175	2225		anhydrite
2225	2275		salt
2275	2310		anhydrite and salt
2310	2405		salt
2405	2450		anhydrite and salt
2450	2515		salt, red shale and potash
2515	2555		salt
2555	2630		salt and anhydrite
2630	2690		salt and potash
2690	2760		salt, potash and anhydrite
2760	2835		salt and potash
2835	2865		anhydrite and salt
2865	2875		anhydrite
2875	2925		salt
2925	2990		anhydrite and salt
2990	3235		salt and potash
3235	3250		anhydrite
3250	3280		anhydrite
3280	3295		salt and anhydrite
3295	3335		anhydrite
3335	3360		anhydrite
3360	3390		salt
3390	3420		anhydrite
3420	3475		salt
3475	3500		anhydrite
3500	3545		salt
3545	3580		anhydrite
3580	3620		salt
3620	3735		anhydrite
3735	3765		lime 3880 equals 3875 SLM
3765	4075		lime
4075	4105		lime and red shale
4105	4210		lime
4210	4225		lime and red shale
4225	4260		lime
4260	4280		lime and shale and sand
4280	4455		lime Hole full sulphur water 4247-55

36.46
3770
3770