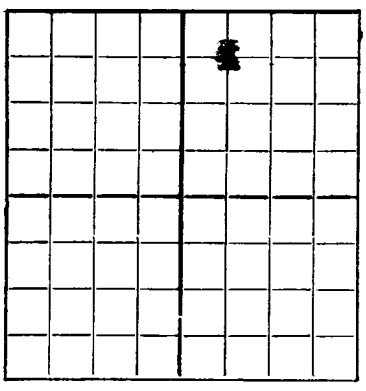
FORM C-105

N.



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.

ALLAN HARGRAVE (Company or Operator) STATE (Lease)

Well No. 1 in NWNE of Sec. 22, T. 24 S., R. 27 26 E., N. M. P. M., Wild-cat Field, Eddy County.

Well is 660 feet south of the North line and 1980 feet west of the East line of Section 22

If State land the oil and gas lease is No. E-1628 Assignement No. 1

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is York & Harper, Inc., Address Midland, Texas

Drilling commenced October 29, 19 51. Drilling was completed December 14, 19 51

Name of drilling contractor Lubbock Machine Company, Address Lubbock, Texas

Elevation above sea level at top of casing 3227 feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 2335 to 2345 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 285 to 295 feet. 80' water in hole; bailed 150 bailers without lowering

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 FROM	PERFORATED TO	PURPOSE
10 3/4	40½	8	J&L	333'	Texas	-	-	-	Shut off surface water

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12½	10 3/4	333	-	Pump		10 sacks aquagel 1 sack hulls

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
5½"	Perto-Jet (Dowell)		25 shots	12-6-51	2335-45	2370
"	"		25 shots	12-9-51	2374-84	2400
5½"	"		25 shots	12-9-51	2388-98	2414 Total depth

Results of shooting or chemical treatment Well showed some free oil from 2335 to 2345. After shot made 8 barrels oil, 40 barrels water in 24 hours. No results from 2nd and 3rd shots. Water increased to 100 barrels/24 hours

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 0 feet to 2414 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing Dry hole, 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

W.N. Morgan, Driller E.F. Ballieu, Driller

Paul Morris, Driller R.M. Sallee, 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 17th day Midland, Texas (Place) Dec. 17, 1951 (Date)

Name Allan Hargrave

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Caliche
10	110	100	anhydrite and red rock
110	145	35	anhydrite and shale
145	207	62	lime
207	230	23	conglomerate
230	240	10	gravel
240	275	35	gravel and blue shale
275	295	20	gravel
295	305	10	red shale
305	335	30	gravel and red bed
335	340	5	lime
340	380	40	anhydrite and shale
380	395	15	lime shells
395	421	26	blue shale
421	510	89	anhydrite and shale
510	525	15	blue shale
525	570	45	anhydrite
570	600	30	blue shale
600	920	320	anhydrite
920	925	5	lime shells and anhydrite
925	935	10	lime shells and grey sandy shale
935	1010	75	anhydrite
1010	1015	5	bentonite
1015	1020	5	anhydrite
1020	1030	10	anhydrite and lime shells
1030	1055	25	grey lime
1055	1090	35	lime and anhydrite
1090	1100	10	anhydrite
1100	1190	90	anhydrite and lime
1190	1230	40	anhydrite
1230	1235	5	sand odor sulphur
1235	1250	15	anhydrite
1250	1260	10	grey lime
1260	1390	130	lime and anhydrite
1390	1570	180	salt
1570	1675	105	broken grey lime
1675	2047	372	salt
2047	2057	10	anhydrite
2057	2265	208	grey lime
2265	2285	20	black lime
2285	2295	10	sandy lime
2295	2312	17	black and grey lime
2312	2318	6	black lime
2318	2324	6	sand and shale
2324	2341	17	sand and shale; show oil 2335-45
2341	2414	73	sand Water 2398-2414 Estimated 100 barrels water/24 hours 8 barrels oil/24 hours Dry and Abandoned