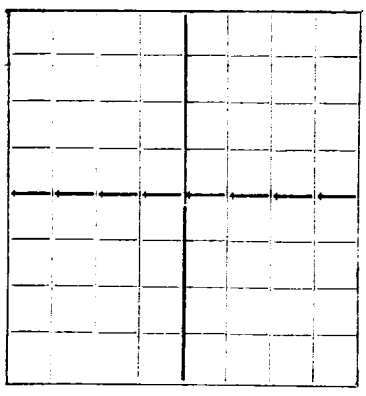
DUPLICATE

FORM C-105

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
HOBBS OFFICE

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.

SHASTA OIL COMPANY — Box 711, Midland, Texas
Company or Operator — Address

Litie Woolworth Well No. 3 in NW/4 of Sec. 28, T. 24-S
Lease

R. 37-E, N. M. P. M., Jal Field, Lea County.

Well is 1650 feet south of the North line and 2310 feet west of the East line of

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 Litie Woolworth, Address Jal, New Mexico

Drilling commenced October 28 19 38. Drilling was completed November 24 19 38

Name of drilling contractor Shasta Oil Company, Address Midland, Texas

Elevation above sea level at top of casing 3240 feet.

The information given is to be kept confidential until None 19____.

OIL SANDS OR ZONES

No. 1, from 3491 to 3494 No. 4, from 3566 to 3569

No. 2, from 3505 to 3510 No. 5, from ____ to ____

No. 3, from 3550 to 3555 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 FROM	PERFORATED TO	PURPOSE
13"	40	8	REW	44'	Common				
8-5/8	32	8	REW	1328'	Baker				
5-1/2	17	10	REW	3330'	Baker				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	13"	45	50	Pumper	10.2	6 Ton
11"	8-5/8	1328	125	Halliburton	10.2	
7"	5-1/2	3330	125	Halliburton	10.2	

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
3½		Nitro-Glycerine	170 qts.	11-26-38	3490 to 3575	Bottom

Results of shooting ~~xxxxxxxxxxxxxxxxxx~~ ~~Increased from 100 to 600 barrels in 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 surface feet to 3585 feet, and from ____ feet to ____ feet

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

PRODUCTION

Put to producing November 28, 19 38

The production of the first 24 hours was 600 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, Be 39.6

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

S. E. Long, Driller L. B. Stevenson, Driller

A. W. Pearson, 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 30th day of November, 19 38

Notary Public

My Commission expires June 1, 1939

Place Date

Name Paul A. Ales

Position Geologist.

Representing Shasta Oil Company
Company or Operator

Address Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	19'4"		Bottom cellar
19'4"	66		Caliche & sand
66	335		Red bed & shells
335	560		Red bed & sand
560	602		Red rock, shale & shells
602	750		Red rock & shells & shale
750	903		Red rock, sand & shells
903	1060		Red rock, shells & shale
1060	1125		Red rock & sand
1125	1150		Anhydrite
1150	1220		Anhydrite
1220	1323		Anhydrite & red bed
1323	1350		Anhydrite
1350	1520		Salt and anhydrite
1520	1670		anhydrite & salt
1670	1970		Salt & anhydrite
1970	2178		Salt, potash, anhydrite
2178	2205		Anhydrite
2205	2615		Salt & anhydrite
2615	2764		Anhydrite
2764	2813		Broken lime & anhydrite
2813	2961		Anhydrite & lime
2961	2973		Anhydrite
2973	3002		Anhydrite & salt
3002	3021		Anhydrite & lime
3021	3058		Broken lime
3058	3093		Lime
3093	3120		Broken lime
3120	3155		Broken lime (gas show)
3155	3227		Broken lime
3227	3237		Lime
3237	3318		Broken lime
3318	3365		Lime
3365	3450		Broken lime
3450	3491		Lime
3491	3494		Saturated sand
3494	3566		Lime
3566	3570		Saturated sand
3570	3576		Lime
3576	3585		Broken lime
	3585		Total depth