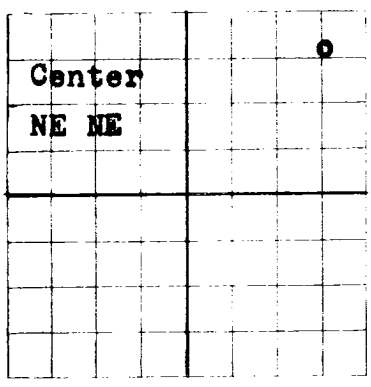
FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Gulf Oil Corporation — Company or Operator — Tulsa, Oklahoma — Address

Ace — Lease — Well No. 1 — in NE NE of Sec. 28, T. 24S, R. 37E, N. M. P. M., Mattix Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of NE/4.

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 Gulf Oil Corporation, Address Tulsa, Oklahoma

Drilling commenced 10-23-40 19____ Drilling was completed 2-3-41 19____

Name of drilling contractor McQuees & Stout, Address Fort Worth, Texas

Elevation above sea level at top of casing 3211 feet.

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

OIL SANDS OR ZONES

No. 1, from 3444' to 3564' Pay 3457'
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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 510'(Increase 535'40') to 514' feet. 125' water in hole
No. 2, from 1210' to 1218' feet. 15 barrels per hour
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"	35	3-Gauge	Armco	160'					
10-3/4"				894'-Pulled, was contractor's pipe.					
8-5/8"	32	10	Smls.	1389'					
7"	24	10	Smls.	3375'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15-1/2"	13"	160'	150	Halliburton	Used 200# calcium chloride	
10"	8-5/8"	1389'	50	Halliburton		
7-7/8"	7"	3375'	85	Halliburton		

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" plain shells		220 qts solidified Glycerin		2-10-41	3449' to 3541'	3550'

Results of shooting or chemical treatment Before shooting, swabbed estimated 20 barrels oil in 12 hours. After shooting, flowed 156 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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0' feet to 3564' feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing February 16, 1941

Initial production - 156 barrels of fluid of which 100% was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours 315,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, 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 _____ day of _____ 1941

_____ Notary Public

My Commission expires _____

Tulsa, Oklahoma — Place — March 14, 1941 — Date

Name _____

Position General Superintendent

Representing GULF OIL CORPORATION — Company or Operator

Address Box 661, Tulsa, Oklahoma

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	14'		Cellar
	30		Caliche
	45		Red sand
	75		Red sand rock
	80		Gray sand
	95		Gray sand
	115		Red sand
	161		Red rock
	232		Red rock
	287		Red shale
	292		Blue shale
	310		Red & brown shale
	340		Blue shale
	358		Red rock
	500		Red shale
	510		Gray sandy shale
	557		Gray sand
	585		Shale & sand
	600		Red shale
	613		Shale
	630		Red rock
	740		Shale
	770		Red rock
	775		Red shale
	787		Red rock
	815		Red bed
	875		Red rock
	878		Red shale
	894		Red rock
	1057		Red shale
	1080		Red rock
	1090		Lime & anhydrite
	1210		Anhydrite
	1218		Gray water sand
	1235		Anhydrite
	1239		Lime
	1263		Lime & anhydrite
	1273		Anhydrite
	1284		Red bed
	1285		Red rock
	1290		Red rock & anhydrite
	1300		Red rock, gyp & anhydrite
	1336		Lime & anhydrite
	1380		Anhydrite
	1390		Red bed & anhydrite
	1405		Salt
	1436		Anhydrite
	1452		Salt
	1457		Anhydrite
	1502		Salt & anhydrite shells
	1530		Salt & potash
	1545		Anhydrite
	1557		Salt
	1613		Salt & anhydrite
	1625		Salt
	1650		Anhydrite
	1665		Salt & anhydrite
	1830		Salt & potash
	1854		Anhydrite
	1870		White salt
	1890		Anhydrite
	2050		Salt & potash
	2105		Salt, potash & anhydrite
	2140		Anhydrite
	2160		Salt
	2214		Anhydrite
	2228		White salt
	2258		Wash, salt & anhydrite
	2268		Anhydrite
	2311		Salt & anhydrite
	2320		Salt
	2375		Anhydrite
	2535		Salt
	2595		Anhydrite
	2600		Brown lime
	2684		Brown lime & anhydrite
	2696		Brown lime
	2720		Gray anhydrite
	2725		Blue shale
	2756		Gray anhydrite
	2780		Broken anhhydrite
	2845		Hard anhydrite
	2850		Broken anhydrite & shale
	2892		Anhhdrite
	2900		Gray sand
	2913		Gray sand & anhydrite
	2937		Gray broken lime
	2967		Anhydrite
	2981		Anhydrite & gray sand
	3013		Broken anhydrite, lime & hard shale
	3044		Anhydrite & lime
	3060		Brown lime
	3065		Gray sand
	3092		Anhydrite & lime
	3102		Anhydrite
	3117		Brown lime
	3175		Anhydrite & brown lime
	3209		Brown lime
	3245		Gray to brown lime
	3263		Lime, anhydrite & shale
	3312		Anhydrite & gray lime
	3326		Anhydrite, lime, sand & shale
	3344		Brown lime & anhydrite
	3387		Gray lime
	3401		Gray & brown lime
	3487		Lime
	3490		Sandy shale
	3498		Gray lime
	3504		Sandy shale
	3507		Gray lime
	3514		Gray sand
	3523		Gray lime
	3540		Sandy shale
	3545		Gray lime
	3564		Gray lime TOTAL DEPTH

Formation tops

Anhydrite	1080'
Base Salt	2543'
Yates	2740'
Knight Sand	3444'
Pay	3457'
Total depth	3564'