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FORM C-105

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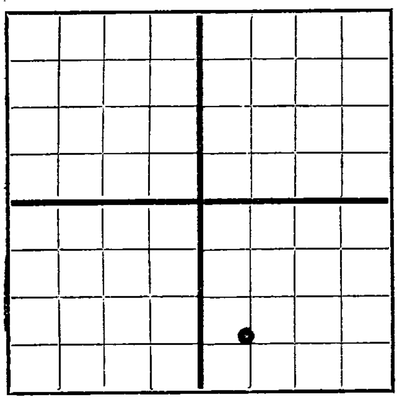

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Gulf Oil Corporation (Company or Operator) Hobbs, New Mexico (Address)

Sams State (Lease) Well No. 1 in SW SE of Sec. 17, T. 15 S

R. 33 E, N. M. P. M. Wildcat Field, Lea County.

Well is 660 feet North of the South line and 1980 feet west of the East line of Section 17

If State land the oil and gas lease is No. 50364 Assignment No.

If patented land the owner is ......, Address

If Government land the permittee is ......, Address

The Lessee is Gulf Oil Corporation, Address Fort Worth, Texas

Drilling commenced March 26, 1950 19.... Drilling was completed September 29 1950

Name of drilling contractor McVay & Stafford Drilling Company, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 4221 feet.

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

OIL SANDS OR ZONES

No. 1, from None 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 ...... 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 3/8"	48#	8 RT	SS	308'					
9 5/8"	36 & 40#	8 RT	SS	4219'					

Upon abandonment, recovered 2056' of 9 5/8" casing.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17¼"	13 3/8"	326'	435	HOWCO		
12¼"	9 5/8"	4234'	1800	HOWCO		

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
		None				

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 0' feet to 14,126 feet, and from ...... feet to ...... feet

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

PRODUCTION

Put to producing Plugged & Abandoned Oct. 8, 1950

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

McVay & Stafford Drilling Company, 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 16th Hobbs, New Mexico (Place) October 16, 1950 (Date)

day of October, 1950 Name [signature]

[signature] Position Area Prod. Supt.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	40	40	Calichi
	330	330	Y ellow Clay, sand
	540	540	Redbed
	1270	1270	Redbed & shells
	1527		Redbed & streaks of anhydrite
	1595		Anhydrite
	1710		Salt & anhydrite
	2110		Salt series
	2635		Salt & anhydrite
	2807		Anhydrite
	2887		anhydrite & salt
	2973		Anhydrite
	3221		Anhydrite & Salt
	3308		Anhydrite
	3449		Anhydrite & salt
	3519		anhydrite & gyp
	3559		anhydrite & sand
	3802		anhydrite & salt
	3952		Anhydrite & lime
	4110		Anhydrite
	4203		Anhydrite & lime
	4235		Lime
	5350		Sand & lime
	7550		Lime
	7573		Lime & sand
	7682		Lime
	7731		Lime & sand
	7806		Lime
	8857		Shale & lime
	8117		Lime
	8247		Lime & shale
	8362		Lime
	8402		Lime & shale
	9088		Lime
	9136		Lime & black shale
	9442		Lime
	9473		Lime & shale
	9487		Lime
	9593		Lime & shale
	9639		Lime
	9749		Lime & shale
	9810		Lime
	9835		Lime & shale
	9843		Shale
	9849		Lime & shale
	9866		Shale
	9875		Lime & shale
	9901		Lime
	9926		Lime & shale
	9927		Chert
	9977		Lime & shale
	9992		Lime
	10025		Lime & shale
	10056		Lime
	10131		Lime & shale
	10197		Lime
	10215		Lime & shale
	10257		Lime
	10352		Lime & shale
	10368		Lime, shale, chert
	10406		Lime & shale
	10459		Lime
	10468		Lime & shale
	10495		Lime
	10516		Lime & shale
	10806		Lime
	10824		Lime & shale
	10886		Lime & chert
	10897		Lime & shale
	10940		Lime
	10994		Lime & shale
	11006		Lime
	11370		Lime, shale, sand
	11394		Lime & sand
	11436		Lime, shale, sand
	11448		Lime & sand
	11628		Lime & shale
	11635		Lime
	11720		Lime & shale
	11739		Lime, shale, trace of chert
	11774		Shale & lime
	11792		Lime, shale, sand
	11829		Lime, shale
	11874		Lime & sand
	11945		Lime & shale
	11960		Shale, Lime, sand
	12011		Shale & lime
	12023		Lime
	12044		Lime & shale
	12059		Lime
	12094		Lime & shale
	12101		Lime
	12126		Lime, shale, sand
	12146		Lime & shale
	12171		Shale, lime, sand
	12195		Shale & lime
	12215		Shale, sand, little lime
	12271		Shale & lime
	12287		Shale & sand
	12316		Shale & lime
	12327		Shale
	12338		Shale, sand, lime
	12361		Shale & lime
	12371		Shale
	12445		Shale & lime
	12456		Lime, chert, sandy lime
	12493		Shale & lime
	12501		Lime, shale, sand
	12519		Shale & lime
	12538		Shale lime, sand and chert streaks
	12545		Lime & shale
	12557		Lime, shale, sand, chert
	12638		Lime & shale

FROM	TO	Formation
	12900	Cherty & lime
	12956	Lime & shale
	12974	Lime
	13071	Lime & shale
	13091	Lime & chert
	13295	Lime & shale
	13304	Lime
	13337	Lime & chert
	13357	Lime, chert, shale
	13362	Lime, chert
	13371	Lime
	13387	Lime, chert, shale
	13388	Lime & chert
	13403	Lime, shale, chert
	13460	Lime, chert
	13474	Lime, chert, shale
	13488	Lime
	13492	Lime, shale, chert
	13502	Lime, shale
	13523	Lime, chert
	13530	Lime, chert, shale
	13542	Lime & chert
	13550	Lime, chert, shale
	13561	Lime, chert
	1356 7	Lime, chert, shale
	13599	Lime, chert 13609
	13609	Lime, chert, shale
	13615	Lime chert
	13630	Lime, chert, shale
	13653	Lime & shale
	13661	Lime, chert, shale
	13665	Chert & lime
	13831	Lime & shale
	13846	Cherty dolomite & lime
	13850	Lime, shale, chert
	13861	Dolomite, lime
	13892	Lime, shale, chert
	13902	Lime, shale
	13904	Lime, shale, chert
	13919	Lime, shale
	13937	Lime, dolomite
	13980	Shale, lime
	14048	Shale
	14056	Dolomite, devonian
	14064	Lime
	14086	Dolomite
	14122	Dolomite, chert,
	14126	Dolomite

FORMATION TOPS

T. Anhydrite	1500'
B. Salt	2450'
T. Yates	2660'
T. San Andres	4185'
T. Glorieta	5745'
T. Wolfcamp	9225
T. Miss.	13,282'
T. Dev.	14.046'

The following are the drill stem tests on the Gulf Oil Corporations Sams State No. 1 in the SW SE of Sec. 17, T 15S, R 33E, Wildcat Field, Lea County, New Mexico

DST @ TD 9296' w/8" Johnston packer set at 9218'. Tool open 1 hr with 15 minutes B.U. (5/8" SS and 3/4" S choke) no gas or oil to surface. Recovered 60' drilling fluid to 4 1/2" drill pipe. FP - 0, BUP - 0, HSP -4425#

DST w/8" Johnston packer at 10,157' (1" S & t/8" SS choke) w/ 15 min. BU Recovered water blanket and 390' sulphur water in 4 1/2" drill pipe. FP - 1025# to 1150#, BUP - 3725#, HSP - 5100#

DST at TD 10,421' w/8" Johnson packer at 10,400'. Tool open 1 hr with 15 minutes B.U. (5/8" SS and S choke) Recovered 2200' of water blanket and 210' of gas cut mud and 180' of oil and gas cut mud. FP - 0#, BUP - 1320#, H SP - 5150#

DST TD 10,441' with 5½" Johnson packer at 10,415' (5/8" SS and 3/4" S choke) Tool open 2 hrs. with 15 BU, used 2200' water blanket. Recovered 465' oil and gas cut mud, 90' of 38.5 gravity oil in 4½" drill pipe, 2200' of water blanket and 120' salt water. FP - 975 to 1175#, BUP - 1700#, HSP - 5175#

DST TD 10,530' with 8" Johnston packer at 10,496' (5/8" SS and 1" S choke) tool open 2 hours with 15 minute build-up. Recovered 2460' water blanket and 1260' sulphur water in 4½" DP. FP - 1500#, BUP - 1550#, HSP - 5200#

DST TD 10,754' with 8" Johnston packer at 10,738' (5/8" SS and 1" surface choke) tool open 1 hour with 15 minute build up. Recovered 2500' water blanket, 90' oil and gas cut mud and 510' water in 4½" drill pipe. FP 0#, BUP - 2400#, HSP - 5400#.

DST 14,052' - 14,076', 4½" drill pipe with 5/8" choke at 14,035', two 8" packers 14,052' - 14,046', two B.H.P. bombs 14, 076' -14,074, safety joint at 14,055', tool open at 12:31 a.m. , closed 1:46 a.m. No gas or fluid to surface, good blow of air during test. Rec. 6930' fluid, 6000' water blanket, 360' drilling fluid, 570' sulphur water, HSP 7750#, FP 3000#, 15 min. closed in BHP 5750#