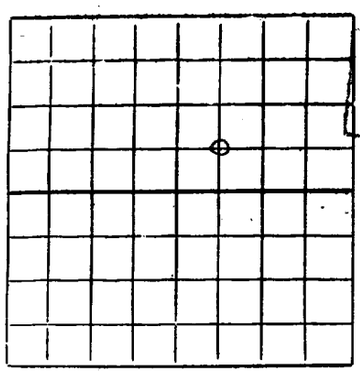
(Revised 7/1/52)
(Form C-105)



AREA 640 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Gulf Oil Corporation (Company or Operator) Gertrude Morris et al (Lease)

Well No. 1, in SW ¼ of NE ¼, of Sec. 21, T. 18-S, R. 38-E, NMPM.

Undesignated Pool, Lea County.

Well is 1980 feet from North line and 1980 feet from East line

of Section 21-18-38 If State Land the Oil and Gas Lease No. is

Drilling Commenced 7-30, 19 56 Drilling was Completed 11-21, 19 56

Name of Drilling Contractor Makin Drilling Company

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3640' 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 to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	239'	Baker			Surface Pipe
9-5/8"	36#	New	4286'	Larkin			Intermediate String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	250'	300	Pump & Plug		
12-1/4"	9-5/8"	4299'	2820'	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

SEE ATTACHED SHEET

Result of Production Stimulation None

Depth Cleaned Out

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

HOBBS OFFICE OCC

Rotary tools were used from 0 feet to 11211 feet, and from ..... feet to ..... feet.

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

1957 JAN 31 PM 2 29

PRODUCTION

Put to Producing Not, 19.....

OIL WELL: The production during the first 24 hours was ..... barrels of liquid of which ..... % was was oil; ..... % was emulsion; ..... % water, and ..... % was sediment. A.P.I. Gravity .....

GAS WELL: The production during the first 24 hours was ..... M.C.F. plus ..... barrels of liquid Hydrocarbon. Shut in Pressure ..... lbs.

Length of Time Shut in .....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico
T. Anhy 1745'	T. Devonian 8612'	T. Ojo Alamo
T. Salt	T. Silurian 9910'	T. Kirtland-Fruitland
B. Salt	T. Montoya 10360'	T. Farmington
T. Yates 2895'	T. Simpson 10695'	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3680'	T. Ellenburger	T. Point Lookout
T. Grayburg 4040'	T. Gr. Wash	T. Mancos
T. San Andres 4332'	T. Granite 11185'	T. Dakota
T. Glorieta 5650'	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs 6762'	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss Woodford 8472'	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	12.70		Distance from Top Kelly Drive Bushing to Ground		6241		Dolomite and Lime
					6276		Lime
	35		Surface Sand and Caliche		6437		Dolomite
	1045		Red Bed		6480		Lime
	1985		Red Bed and Anhydrite		6741		Lime and Dolomite
	2265		Red Bed, Anhydrite and Salt		7042		Lime
	2762		Red Bed and Salt		7119		Lime and Dolomite
	3095		Anhydrite, Gypsum and Salt		7906		Lime
	3835		Anhydrite and Gypsum		8472		Dolomite
	3913		Anhydrite, Dolomite, Gyp.		8515		Shale and Lime
	3990		Dolomite and Gypsum		8730		Shale
	4300		Dolomite and Lime		9602		Lime
	4944		Lime		9795		Dolomite and Lime
	5034		Dolomite and Lime		10391		Dolomite and Chert
	5100		Lime		10442		Lime
	5115		Dolomite and Lime		10740		Lime and Chert
	5160		Lime		10758		Lime and Shale
	5171		Dolomite		10800		Lime, Shale and Sand
	5295		Lime		10804		Lime
	5332		Dolomite		10945		Lime and Shale
	5440		Dolomite and Lime		11125		Lime and Sand
	5779		Lime		11135		Shale Sand and Lime
	6004		Lime and Dolomite		11176		Lime, Chert and Shale
	6014		Lime		11195		Sand and quartz
	6144		Dolomite		11211		Granite

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

January 25, 1957
(Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico

Name E F Jayne Position or Title Area Supt. of Prod.

DEVIATION - TOTCO SURVEY

3/4 - 220'
1/4 - 500'
1/4 - 850'
1/4 - 1350'
1-1/4 - 1835'
1-1/2 - 1920'
3/4 - 2050'
1/2 - 2215'
1/4 - 2450'
1 - 2603'
2 - 2825'
1-1/2 - 2910'
1-1/4 - 3049'
1 - 3250'
1 - 3330'
1-1/2 - 3420'
1-3/4 - 3560'
1-1/2 - 3640'
1-1/4 - 3700'
1-3/4 - 3830'
1-1/2 - 3900'
1-1/4 - 4020'
1-1/2 - 4150'
1-1/2 - 4250'
1-3/4 - 4600'
3-1/4 - 4810'
3-3/4 - 4878'
3-1/2 - 4909'
3-1/4 - 4935'
3-1/4 - 4978'
3-1/2 - 5008'
4 - 5075'
3-3/4 - 5100'
3-3/4 - 5115'
3-3/4 - 5130'
3-3/4 - 5160'
3-3/4 - 5190'
3-3/4 - 5245'
4 - 5263'
4 - 5275'
4 - 5292'
3-7/8 - 5331'
4 - 5360'
3-3/4 - 5420'
4-1/2 - 5460'
3-3/4 - 5520'
3-1/2 - 5555'
3-1/2 - 5585'
2-3/4 - 5610'
2-3/4 - 5670'
2-3/4 - 5700'
2-1/4 - 5710'
2 - 5800'
2-1/4 - 5870'
2-1/4 - 5925'
2-3/4 - 6000'
2-1/2 - 6050'
2-1/2 - 6103'
2 - 6150'
1-3/4 - 6205'
2-1/4 - 6230'
2-1/4 - 6265'
1-3/4 - 6310'
2 - 6355'
2 - 6435'
2 - 6520'
2 - 6545'
1-3/4 - 6610'
1-1/2 - 6695'
1-3/4 - 6795'
1-3/4 - 6855'
2 - 6970'
2 - 7050'
1-3/4 - 7150'
1-3/4 - 7225'
1-1/4 - 7375'
1-1/4 - 7465'
1 - 7640'
1 - 7680'
1 - 7765'
1 - 7835'
3/4 - 7900'
1/2 - 7980'
3/4 - 8060'
3/4 - 8136'
1/4 - 8205'
1/2 - 8285'
1-1/2 - 8415'
1-1/4 - 8487'
3/4 - 8580'
1 - 8730'
2 - 8860'
2-3/4 - 8915'
3 - 8975'
3-1/4 - 9015'
4-1/4 - 9070'
3-3/4 - 9170'
3-1/4 - 9230'
3-1/2 - 9290'
3-1/4 - 9308'
3-3/4 - 9505'
4-1/4 - 9535'
2-3/4 - 9795'
3 - 9915'
1-1/4 - 9992'
1/2 - 10145'
2 - 10358'
1-1/4 - 10390'
1-1/4 - 10448'
2 - 10550'
1-3/4 - 10695'
1-1/4 - 10802'
1-1/2 - 10932'
2-3/4 - 11000'
2 - 11030'
1-3/4 - 11075'
2-1/4 - 11108'

RECORD OF PRODUCTION AND STIMULATION

Spotted 500 gallons mud acid on perforations in 5-1/2" casing from 4475-4495'.
Spotted 500 gallons mud acid on perforations in 5-1/2" casing from 4345-4300'.
Spotted 500 gallons mud acid on perforations in 5-1/2" casing from 4250-4300'
Treated formation thru perforations in 5-1/2" casing from 4250-4300' with 1000 gallons 15% NE acid.
Spotted 1000 gallons mud acid on perforations in 5-1/2" casing from 3680-3855'.
Treated formation thru perforations in 5-1/2" casing from 4250-4300' with 10,000 gallons lease crude with .7# sand per gallon.
Treated formation thru perforations in 9-5/8" casing from 3680-3855' with 500 gallons gelled lease oil with 1# sand per gallon. Pumped 67 rubber balls in 25 bbls oil, followed with 51 bbls oil. Treated with 5000 gallons gelled lease oil with 1# sand per gallon. Pumped 88 rubber balls in 25 bbls oil, followed with 51 bbls oil. Treated with 5000 gallons gelled lease oil with 1# sand per gallon.

DRILL STEM TEST

No. 1 1 Hour Johnston Drill Stem Test from 3710-3832' with 5/8" choke at 3680'. Packers at 3705-3710'. Bombs at 3830-3832'. Tool opened at 7:40AM 8-10-56, weak blow of air 10 minutes and dead 50 minutes. Recovered 90' drilling mud, no show. HP 2330#. FP 170#. 15 minute BHP 170#.

No. 2 1 Hour Halliburton Drill Stem Test from 4696-4846' with 5/8" choke at 4675'. Packers at 4690-4696'. Bombs at 4836-4842'. Tool opened 3:55PM 8-19-56. Good blow air decreasing to weak blow at end of test. Recovered 3590' fluid, 3440' sulphur water and 150' drilling mud, no show. HP 2140#. FP 375-1695#. 15 minute BHP 1695#.

No. 3 1 Hour Johnston Drill Stem Test from 5675-5734' with 5/8" choke at 5652'. Packers at 5675-5670'. Bombs at 5734-5732'. Tool opened 8:30PM 9-2-56. Very weak blow of air throughout test. No fluid to surface. Recovered 30' drilling mud, no show. HP 2490-2475# FP 0#. 15 Minute BHP 1215#.

No. 4 1½ Hour Johnston Drill Stem Test from 5910-6004' with 5/8" choke at 5893'. Packers at 5910-5904'. Bombs at 6000-6002'. Tool opened 1:32PM 9-4-56. Strong blow of air thourghout test. No fluid to surface. Recovered 4500' fluid, 100' drilling fluid, 4400' sulphur water, no show. HP 2745-2740#. FP 270-2065#. 15 Minute BHP 2295#.

No. 5 1 Hour Johnston Drill Stem Test from 6145-6205' with 5/8" choke at 6124'. Packers at 6145-6140'. Bombs at 6201-6203'. Tool opened 1:25PM 9-6-56. Good blow of air to surface throughout test. No fluid to surface. Recovered 449' fluid, 168' 38 gravity oil and 281' sulphur water. HP 2795-2785#. FP 90-195#. 15 Minute BHP 1630#.

No. 6 1 Hour Johnston Drill Stem Test from 6900-6970' with 5/8" choke at 6865'. Packers at 6900-6970'. Bombs at 6968-6970'. Tool opened 6:58AM 9-14-56. Weak blow of air to surface for 10 minutes, dead 50 minutes. Recovered 178' drilling mud, no show. HP 3155-3175#. 90#. 15 minute BHP 110#.

No. 7 1 Hour Johnston Drill Stem Test from 7020-7150' with 5/8" choke at 7003'. Packers at 7020-7150'. Bombs at 7146-7148'. Tool opened 3:10AM 9-16-56. Fair blow of air to weak blow of air and dead 40 minutes. Recovered 70' slightly gas cut drilling mud, show. HP 3290#. FP 0#. 15 minute BHP 0#.

No. 8 1½ Hour Johnston Drill Stem Test from 7415-740 9' with 5/8" choke at 7394'. Packers at 7415-7409'. Bombs at 7463-7461'. Tool opened 12:44AM 9-20-56. Fair blow of air to surface throughout test. Recovered 166' oil and gas cut mud, cut 1% oil, no water. HP 3505#. FP 155#. 15 minute BHP 240#.

No. 9 1 Hour Johnston Drill Stem Test from 8130-8210' with 5/8" choke at 8109'. Packers at 8124-8130'. Bombs at 8206-8208'. Tool opened 6:20PM 9-28-56. Weak blow of air 45 minutes and died. Recovered 110' slightly gas cut drilling mud with trace oil. HP 3895#. FP 20#. 15 minute BHP 1534#.

No. 10 1¼ Hour Johnston Drill Stem Test from 8425-8625' with 5/8" choke at 8401'. Packers at 8425-8420'. Bombs at 8624-8622'. Tool opened 12:35AM 10-5-56. Strong blow of air decreased to very weak blow end of test. No fluid to surface. Recovered 7025' fluid, 1260' drilling fluid, 5765' sulphur water. HP 4000-4035#. FP 3190#. 15 Minute BHP 3395#.

[illegible]

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[illegible]

[illegible]

No. 11 1½ Hour Johnston Drill Stem Test from 9155-9232' with 5/8" choke at 9133'. Packers at 9155-9149'. Bombs at 9230-9228'. Tool opened at 6:PM 10-14-56. Strong blow of air to gradually weak blow of end of test. Recovered 2070' sulphur water cut drilling fluid and 5910' black salty sulphur water. HP 4000-4025#. FP 2960-3590#. 15 Minute BHP 3600#.

No. 12 Misrun

No. 13 1 Hour Johnston Drill Stem test from 10950-11001' with 5/8" choke at 10926'. Packers at 10943-10950'; Bombs at 10995-11000'. Tool opened at 6:05PM 10-15-56. Very weak blow of air 10 minutes, dead 50 minutes. Recovered 30' drilling mud, no shows. HP 5195#. FP 70#. 15 minute BHP 400#.

No. 14