



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.

Harper and Turner 904 Nighttower Bldg., Oklahoma City, Okla.  
Company or Operator Address  
Sarkaya Well #1 Well No. 1 in Sec. 26 of Sec. 26, T. 21S  
Lease  
R. 37E, N. M. P. M., Drinkard Field, Lea County.  
Well is 1980 feet south of the North line and 1980 feet west of the East line of Sec. 26-21S-37E  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is S. J. Sarkaya, Address Hobbs, N. M.  
If Government land the permittee is, Address.  
The Lessee is Gulf Oil Corp., Address Tulsa, Okla.  
Drilling commenced 12-12 19 49 Drilling was completed 2-4 19 50  
Name of drilling contractor Geo. F. Livermore, Address Lubbock, Tex.  
Elevation above sea level at top of casing 3383 feet.  
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4000 to 4120 No. 4, from 6150 to 6250  
No. 2, from 5150 to 5260 No. 5, from 6410 to 6563 TD  
No. 3, from 5500 to 5600 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		PURPOSE
							FROM	TO	
13-3/8	20#	8	Spiral	301.	MONCO				Surface
8-5/8	40#	8	Nat'l.	2851	"				Salt String
5-1/2	15.5#	8	"	6450	"				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	301'	200	MONCO		
9-3/4	8-5/8	2851	1000	"		
7-7/8	5-1/2	6450	700	"		

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
		20% Acid	500 gal.	2-9-50	6450-6566	
		15% Acid	3500 gal.	2-9-50	6450-6566	

Results of shooting or chemical treatment Well not tested before treating - after treating  
produced 164 bbls. in 8 hrs.

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 6563TD feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 2-9 19 50  
The production of the first 24 hours was 160 barrels of fluid of which 99% was oil;  
emulsion; % water; and 1% sediment. Gravity, Be. 38°  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in. 1800

EMPLOYEES

Joe Miller Driller C. D. Blackman Driller  
Henry Johnson 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 13th Oklahoma City, Oklahoma Feb. 23, 1950

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1150	1150	Shale Red Sandy & Silty
1150	1190	40	Anhydrite White (Top Rustler 1150)
1190	1380	190	Shale Red
1380	2450	1070	Salt
2450	2780	330	Anhydrite Salt and Red Shale
2780	2870	90	Trace Frosted Quartz Grains Anhydritic (Top of Yates 2780) 8-5/8" @ 2851'
			Slight Show Gas
2870	3000	130	Anhydrite White to Grey
3000	3100	100	Dolomite White Anhydritic
3100	3200	100	Slightly Silty
3200	3290	90	Shale Green and Red
3290	3430	140	" " " Anhydritic
3430	3470	40	Dolomite Dense Tan Slight Fluorescence
3470	3480	10	Shale Red & Green
3480	3500	20	Dolomite Dense White Slight Fluorescence
3500	3520	20	Shale Red & Green
3520	3550	30	Dolomite Dense White
3550	3560	10	Shale Red & Green
3560	3670	110	Dolomite Dense Light Tan Slight Fluorescence
3670	3680	10	Shale Red & Green
3680	3800	180	Dolomite Fine Light Tan Slight Porosity Fair Fluorescence (Top San Andres 3680)
3800	3950	150	Dolomite Dense Anhydritic
3950	4030	80	Dolomite Fine Very Slight Porosity Slight Fluorescence
4030	4120	90	Dolomite Porous to Dense Interbedded Fair Show of Oil
4120	4770	650	Dolomite Dense Anhydritic Shaley
4770	4840	70	Dolomite Sacrose Tan Show of Oil Fair Porosity (Top Glorietta 4775) Fair to Good Fluorescence
4840	5120	280	Dolomite Dense Tan
5120	5270	150	Dolomite Chalky Fair Porosity Good Fluorescence Show of Oil & Gas
5270	5520	250	Dolomite Dense Anhydritic (Top Hlinebry 5500)
5520	5650	130	Dolomite Fine Fair Porosity Show of Gas & Condensate
5650	6120	470	Dolomite Dense
6120	6250	130	Dolomite Silty & Sandy Slight Odor Gas (Top Tubbs 6130)
6250	6410	160	Dolomite Tan Dense
6410	6566 TD	156	Dolomite Fair to Good Porosity, Fair to Good Show of Oil (Top Drinkard 6410)

Drill Stem Test and Cores

Core #1:

4032-89 Recovered 45 ft. Dolomite Porous to Dense Fair Show of Oil

DST #1:

4027-4090 Tool open 1 1/2 hrs. Recovered 210 ft. heavy oil and gas cut  
mat. F.P. 100%, B. U. P. 650# NHD. P. 1650#

CORE #2:

4090-4119 Recovered 24 ft. Dolomite Limey Good Porosity Looked watery

CORE #3:

5180-5235 Recovered 50 ft. Dolomite Chalky Fair Porosity Show of Oil  
Good Fluorescence

CORE #4:

5550-5601 Recovered 50 ft. Dolomite Fair Porosity Fine Show of Gas.  
Last 10 ft. Dense Anhydritic

CORE #5:

6450-6500 Recovered 45 ft. Dolomite Dense Poor Porosity Show of Gas  
Slight Show of Oil

CORE #6:

6500-6526 Recovered 25 ft. Dolomite Fair to Good Porosity Good Show  
of Oil & Gas. Estimate Gas Oil Contact to be at 6502.

CORE #7:

6526-6566 TD Recovered 40 ft. Dolomite Sacrose and Dense Interbedded  
Good Porosity and Good Show of Oil

NOTE:

From 6450 to the total depth this test was continuously cored without  
reaming, hence from 6450 to 6566 TD the hole measures 6-1/8" in  
Diameter.A Schlumberger electric log was run from 3000' to 6563 TD (which was  
Schlumberger's measured total depth) 5 1/2 in. pipe was run and cemented  
with 700 sacks at 6450.