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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE
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.

SAMEDAN OIL CORPORATION

J. O. PARKS

Company or Operator

Well No. 1 in SW $\frac{1}{4}$ of Sec. 14, T. 22S

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

Well is 23 feet south of the North line and 2310 feet west of the East line of SW $\frac{1}{4}$ of Section

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

If patented land the owner is J. O. Parks, Address Roswell, N. M.

If Government land the permittee is Address

The Lessee is Address

Drilling commenced March 5, 1936, Drilling was completed July 7, 1936

Name of drilling contractor Donnelly and Sindorf Drilling Co., Address Fort Worth, Texas.

Elevation above sea level at top of casing 3339 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3502 to 3620 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 176 to 185 feet.	9' water sand 1 bailer per hour	} full hole
No. 2, from 700 to 720 feet.	20' " "	
No. 3, from 745 to 768 feet.	23' " "	
No. 4, from 775 to 781 feet.	6' " "	
862 to 890 feet.	11 bailers per hour.	

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
10"	44#	10	Ss	478				
8-5/8	34#		Ss	1083				
7"	22#		Ss	3254'6"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	10"	478				
	8-5/8	1083	75	Ballston		
	7"	3254'6"	150			

PLUGS AND ADAPTERS

Heaving plug—Material Cement Length 3300 to 3320 Depth Set .42 sacks
Adapters—Material— Wall packer Size 5-3/16 set at 3200 #2 set at 3461

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	Zero Hour	Nitroglycerine	245 lbs	6 - 3-28	3490-3610	3610
	Acid		3000 gals	7 - 12-36	3461-3610	

Results of shooting or chemical treatment Increased production approximately 20%

Acidized 3000 gal acid - increased production 50%

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 toops were used from - feet to 3800 feet, and from - feet to - feet

PRODUCTION

Put to producing May 29, 1936
The production of the first 24 hours was 79 barrels of fluid of which 75bbbls % was oil; % emulsion; 4 bbbls % 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

H. J. Walters, Driller Leonard Kilburn, Driller
Carl Weise, Driller H. Christmas, 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 4th day of August, 1936, at Place Oklahoma.
Name J. O. Parks Date August 4, 1936

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface sand and caliche
20	95	75	Red shale
95	100	5	Gray sandy shale
100	135	35	Blue sandy shale
135	176	41	Red beds
176	185	9	Sand
185	260	75	Red beds
260	275	15	Sandy shale
275	485	210	Red beds
485	520	35	Blue shale
520	700	180	Red beds
700	720	20	Sand
720	730	10	Gray shale
730	745	15	Red beds
745	768	23	Sand
768	775	7	Gray Shale
775	781	6	Sand
781	862	81	Red beds
862	890	28	Sand
890	940	50	Red beds
940	945	5	Sandy shale
945	970	25	Red bed and shale
970	1025	55	Red beds
1025	1075	50	Red beds and shells
1075	1093	18	Anhydrite
1093	1125	32	Anhydrite and lime
1125	1175	50	Anhydrite
1175	1190	15	Anhydrite and salt
1190	1210	20	Anhydrite and salt
1210	1218	8	Red beds
1218	1245	27	Anhydrite and salt
1245	1310	65	Broken Anhydrite
1310	1370	60	Anhydrite, shells, salt and Potash
1370	1385	15	Salt
1385	1420	35	Anhydrite
1420	1495	75	Salt and Anhydrite
1495	1505	10	Salt
1505	1525	20	Anhydrite
1525	1760	245	Salt, & Anhydrite
1760	1775	15	Salt
1775	1800	25	Salt, Anhydrite and potash
1800	1825	25	Salt and Anhydrite
1825	1860	35	Anhydrite, salt and Shells
1860	1990	130	Anhydrite Salt and Potash
1990	2040	50	Anhydrite Salt and Potash
2040	2155	115	Salt, Anhydrite and Potash
2155	2180	25	Salt, Anhydrite and red beds
2180	2265	85	Salt, Anhydrite
2265	2280	15	Anhydrite
2280	2300	20	Salt
2300	2335	35	Salt and Anhydrite
2335	2400	65	Anhydrite
2400	2435	35	Anhydrite and some salt breaks
2435	2505	70	Anhydrite
2505	2508	3	Red bed
2508	2725	217	Anhydrite
2725	2727	2	Red beds
2727	2783	56	Anhydrite
2783	2792	9	Gray shale
2792	2810	18	Anhydrite and sandy lime
2810	3045	235	Anhydrite
3045	3104	59	Anhydrite and red beds
3104	3163	59	Anhydrite
3163	3173	10	Gray Lime
3173	3235	62	Anhydrite
3235	3281	46	Lime
3281	3295	14	Anhydrite
3295	3306	11	Lime (Brown)
3306	3330	24	Anhydrite and Lime
3330	3347	17	Lime
3347	3357	10	Gray Lime
3357	3385	28	Lime
3385	3400	15	Hard gray lime
3400	3435	35	Lime
3435	3493	58	Gray Lime
3493	3502	9	Sand (show oil)
3502	3510	8	Lime
3510	3520	10	Gray sandy lime (show O & G)
3520	3536	16	Sandy Lime (Brown)
3536	3543	7	Gray Lime (Hard)
3543	3548	5	Lime (Medium gray (Increase in O & G)
3548	3560	12	Gray Lime
3560	3594	34	Lime (soft in spots)
3594	3623	29	Gray Lime (Increase O & G at 3294-98)
3623	3630	7	Brown Lime
3630	3800	170	Gray Lime (soft in spots)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

This request should be SUBMITTED IN TRIPLICATE. See instructions in the Rules and Regulations of the Commission.

Ardmore, Oklahoma

August 4, 1936.

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Permission is requested to connect Samedan Oil Corporation J. O. Parks.
Wells No. 1 in SW $\frac{1}{4}$ of Sec. 14, T. 22 South, R. 37 East, N. M. P. M.
Field, Lea County, with the pipe line of the
Humble Pipe Line Company. Houston, Texas.
Pipe Line Co. Address
Status of land (State, Government or privately owned) Privately owned.
Location of tank battery SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14, Twp. 22 South, Rge. 37 East, Lea Count, N.M.
Description of tanks 16 ft. 500 bbl. tank #47896, 16 ft. 500 bbl. Tank #47896.
Logs of the above wells were filed with the Oil Conservation Commission August 4, 1936

All other requirements of the Commission have ~~been~~ complied with. (Cross out incorrect words.)

Additional information:

This is a new connection. Approval for connection was given May 27, 1936, by letter of Mr. C. G. Staley, Proration Empire, to Humble Pipe Line Company while well was being drilled in.

TRIPPLICATE

Yours truly,

Permission is hereby granted to make pipe line connections requested above.

OIL CONSERVATION COMMISSION

By Frank J. Staley

Title Sec.

Date 9-22-36

SAMEDAN OIL CORPORATION

Owner or Operator

By J. O. Parks

Position

Address BOX 957, Ardmore, Oklahoma.