

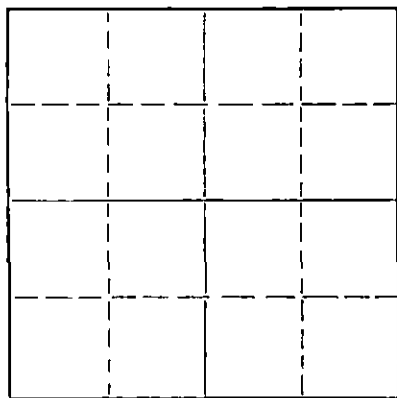
STATE OF KANSAS
STATE CORPORATION COMMISSION

All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD

RENO County. Sec. 4 Twp. 24 Rge. (E) 4W (W)
Location as "NE/CNW/SW" or footage from lines NE NW SW
Lease Owner MARVIN LAWTON
Lease Name BROWN #4 Well No. #4
Office Address Box 357 Wichita, Kansas 67201
Character of Well (completed as Oil, Gas or Dry Hole) OIL
Date well completed 19
Application for plugging filed 3-19-74 19
Application for plugging approved 3-20-74 19
Plugging commenced 4-2-74 19
Plugging completed 4-16-74 19
Reason for abandonment of well or producing formation OIL DEPLETED

NORTH



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Gilbert Toman
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3350 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

PUSH PLUG TO 2800'-DUMP 55' SAND AND 5 SAX CEMENT FOR BOTTOM HOLE PLUG.
SHOT AT 2730-2735-2664-2502 and laid out pipe.
Built Rock Bridge from 215-200'. FILLED WITH 4 YARDS OF READY MIX.

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CONSERVATION DIVISION
Wichita, Kansas

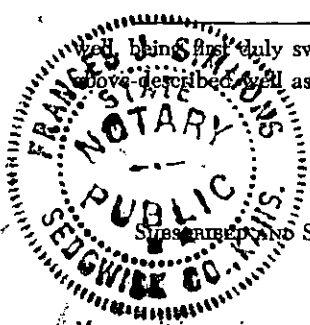
(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor DUNBAR DRILLING INC.
Address 5252 North Broadway, Wichita, Kansas 67219

STATE OF Kansas, COUNTY OF Sedgwick, ss.

I, _____ (employee of owner) or (owner or operator) of the above-described well being duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) W. P. SIMMONS
5252 North Broadway, Wichita, Kansas
(Address)

Subscribed and Sworn to before me this 22nd day of May, 19 74



Frances J. Simmons
Notary Public.

My commission expires NOVEMBER 19, 1977

GEOLOGICAL REPORT

Drilling Contractor: Wofford Drlg. Co. Wofford Oil Co. # 4
 Drilling Commenced: Nov. 16, 1967 Brown
 Drilling Completed: Nov. 24, 1967 NE NW Section 4-24-4w
 Reno County, Kansas

Gentlemen:

Following is the geological report on the above captioned well. Samples were saved and examined from 2800 feet to the total depth. All measurements were taken from the Kelly Bushing.

Elevation: 1477' K.S.
 Surface Pipe: 10 3/4" @ 265' with 250 sacks.
 Production pipe: 5 1/2" @ 3340' with 75 sacks.

Formation Summary

Kansas City	2816	(-1339)
Base-Kansas City,	3028	(-1551)
Cherokee	3188	(-1711)
Mississippian	3309	(-1832)
Rotary Total Depth	3350	(-1873)

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SAMPLE DESCRIPTIONSMississippian

- 3309 - 3316 Limestone; tan, fine crystalline to dense with a trace of gray-white fresh chert, no shows.
- 3316 - 3330 Limestone; tan, some dense and cherty with coarse crystalline dolomite, poor porosity, no shows.
- 3330 - 3338 Chert; tan and light gray, very dolomitic, fine crystalline, spotted fair vugular porosity, light scattered staining, trace of free oil, no odor.
- 3338 - 3350 Chert & dolomite as above; good vugular porosity, fair staining, show of free oil and odor.

Rotary Total Depth 3350 feet.

The Mississippian will be tested further by cable tools..

Very truly yours,

Leo Poulsen
 Leo Poulsen

Wofford Oil Co. # 4 Brown
 NE NW SW Section 4-24-4W
 Reno County, Kansas

DRILLING TIME LOG

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
2800 - 2810	2-2-2-2-2	2-2-2-3-3
2820	2-2-1-1-2	2-3-3-2-2
2830	3-3-3-2-2	3-3-3-2-2
2840	3-2-2-2-2	2-2-2-3-2
2850	2-2-3-2-2	4-5-4-5-5
2860	6-5-6-5-3	3-5-5-5-5
2870	6-4-5-5-4	3-3-2-2-3
2880	4-3-2-4-5	9-6-5-4-3
2890	2-2-3-3-3	3-3-6-7-6
2900	5-6-5-6-6	6-6-6-7-7
2900 - 2910	8-7-7-7-10	10-8-6-7-7
2920	7-7-6-6-9	7-8-5-5-5
2930	6-5-8-8-7	7-5-8-7-6
2940	6-7-9-8-6	8-5-5-6-5
2950	6-8-7-4-5	4-2-1-1-1
2960	1-1-2-1-4	5-6-6-5-6
2970	6-5-6-4-6	4-4-4-8-7
2980	5-4-3-3-3	4-3-5-5-5
2990	5-4-3-5-7	4-4-4-4-3
3000	1-2-1-1-1	5-8-10-5-3
3000 - 3010	6-8-11-10-12	8-4-8-10-10
3020	12-11-7-8-8	8-9-10-9-8
3030	6-9-9-9-7	7-7-6-4-2
3040	3-4-5-2-2	1-2-2-3-3
3050	2-2-2-3-3	5-5-5-7-8
3060	7-5-8-4-3	2-3-2-2-3
3070	2-7-7-6-4	7-6-4-3-2
3080	2-2-3-2-1	2-2-3-2-2
3090	2-2-3-5-6	8-7-6-6-7
3100	7-7-7-9-7	3-3-4-4-3
3100 - 3110	4-3-3-4-4	4-2-3-2-1
3120	1-1-1-1-2	3-4-3-4-4
3130	5-4-4-3-3	3-4-3-3-3
3140	5-5-4-3-3	3-3-4-4-3
3150	4-3-2-2-3	3-3-5-6-4
3160	4-4-4-4-5	5-6-5-4-2
3170	2-3-3-3-2	2-4-4-3-3
3180	4-4-3-4-5	5-4-2-4-3
3190	4-3-4-5-6	6-5-4-2-3
3200	3-3-4-4-4	5-3-2-2-3

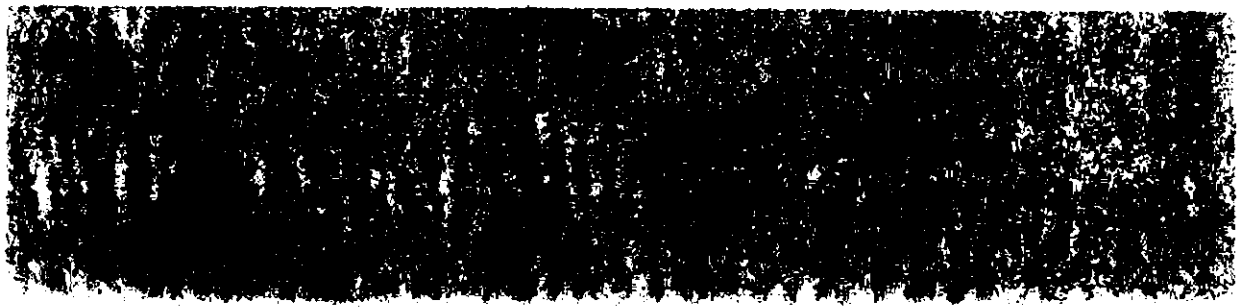
Trip @ 2900'

Trip @ 3095'

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Wofford Oil Co. # 4 Brown
NE NW SW Section 4-24-4w
Reno County, Kansas
Drilling Time Log

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
3200 - 3210	5-3-2-2-3	2-2-3-3-2
3220	2-2-3-3-2	2-2-2-2-6
3230	4-4-3-2-2	1-2-2-2-3
3240	4-3-3-2-2	2-3-4-3-2
3250	4-4-3-4-2	2-2-2-2-2
3260	2-3-3-1-1	2-4-5-5-5
3270	7-4-6-10-3	3-2-5-4-2
3280	3-3-3-3-3	3-4-4-5-5
3290	3-2-3-3-2	4-3-4-4-4
3300	5-5-2-5-3	5-5-5-5-5
3300 - 3310	5-7-3-5-3	5-2-3-2-7
3320	4-7-10-7-5	10-9-15-10-14
3330	8-9-14-11-12	11-5-9-10-10 Circ. Samples 3330'
3340	4-2-2-3-2	2-3-6-2-3
3350	4-2-1-2-4	3-2-2-2-2 Circ. & T.D.



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