

15-097-20791-0000

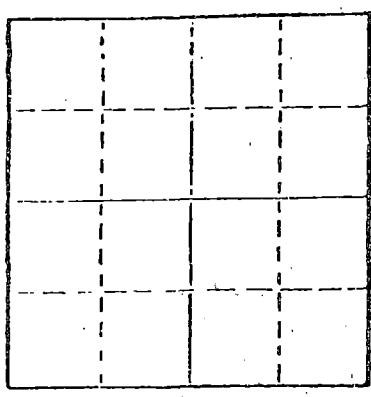
STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Kiowa County. Sec. 20 Twp. 28 Rge. 16 ~~N~~/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines \_\_\_\_\_

C. NE $\frac{1}{4}$ NW  
Lease Owner F & M Oil Company  
Lease Name Bergner Well No. #1  
Office Address 422 Union Center, Wichita, Kansas 67202  
Character of Well (Completed as Oil, Gas or Dry Hole) \_\_\_\_\_  
Dry Hole



Locate well correctly on above  
Section Plat

Date Well completed September 13, 1981 19 81  
Application for plugging filed September 13 19 81  
Application for plugging approved September 13 19 81  
Plugging commenced September 13 19 81  
Plugging completed September 13 19 81  
Reason for abandonment of well or producing formation \_\_\_\_\_

D & A  
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 Paul Luth  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4835  
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
				8 5/8	413	none

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 hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

360' 40 sx  
40' 10 sx  
Rathole 5 sx

9-21-1981

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(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Mustang Drilling & Exploration, Inc.

CONSERVATION DIVISION  
Wichita Kansas

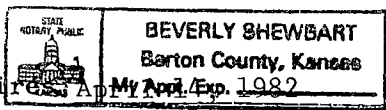
STATE OF Kansas COUNTY OF Barton, ss.  
William Nelson (employee of owner) or (owner or operator)

of the above-described well, being first 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) William Nelson

(Address)

SUBSCRIBED AND SWORN TO before me this 13th day of September, 19 81



Beverly Shewbart  
Notary Public.

My commission expires \_\_\_\_\_

DRILLERS' WELL LOG

OPERATOR: F & M Oil Company  
422 Union Center, Wichita, Kansas 67202

WELL: Bergner #1

API # 15-097 -20,791-0000

LOCATION: C NE NW

Sec 20 -T 28 S-R 16W

COMMENCED: 9-4-81

COMPLETED: 9-13-81

ELEVATION: GL: 2176 DF: 2183 KB: 2186

TOTAL DEPTH: 4835

CASING: Surface: 8 5/8"; #; set at 413 feet;  
Cemented with 300 sacks Common cement; 3%cc; 2% gel

Production: ; #; set at feet;  
Cemented with sacks cement;

DEPTH:	FORMATION	FORMATION TOPS (LOG)		
0 - 300	Sand	Wreford	2768	-582
300 - 416	Shale	Foraker	3093	-907
416 - 1100	Lime & Shale	Stotler	3406	-1220
1100 - 2235	Shale & Lime	Topeka	3706	-1520
2235 - 2329	Shale	Heebner	4030	-1844
2329 - 2768	Lime & Shale	Lansing	4210	-2024
2768 - 2790	Lime	Base K.C.	4528	-2342
2790 - 3093	Lime & Shale	Cherokee	4707	-2521
3093 - 3140	Lime	Mississippian	4756	-2570
3140 - 3400	Lime & Shale	Kinderhook	4776	-2590
3400 - 3700	Shale & Lime	LTD	4830	-2644
3700 - 4030	Lime			
4030 - 4035	Shale			
4035 - 4200	Shale & Lime			
4200 - 4528	Lime			
4528 - 4700	Lime & Shale			
4700 - 4756	Shale & Sand			
4756 - 4776	Chert & Lime			
4776 - 4830	Shale			

DST #1 4221-97 open 30,60,45,90; first open strong blow gas to surface in 10 minutes. Guaged 15 minutes 17600 cu. ft., 25 minutes 12400 cu. ft. Second open guaged 10 minutes 1660 cu. ft. 20 minutes stabilized to 13800 cu. ft. Throughout second open rec. 60' gas cut mud slightly watery. 2060 ft. gassy muddy water.

IFP 221-331, IFIP 1495, FFP 409-629, FFIP 1506, BHT 124°  
DST #2 4724-50 open 30,60,45,90; first open weak to good blow in 2 minutes; second open weak to good blow in 5 minutes; rec. 1220' gas in pipe, 60 ft. gassy cut muddy water with specs of oil in tool.

IHP 2275, FHP 2253, ISIP 199, FSIP 143, IFP 44-44, FFP 55-55, BHT 128°  
DST #3 4735-95 30/30/30/30, weak blow throughout on first open. Weak blow died in 13 minutes on 2nd open. Rec 40' of drilling mud w/oil specs in tool.

IHP 2257, FHP 2236, ISIP 165, FSIP 134, IFP 61-72, FFP 72-92, BHT 130°  
DST #4 4347-88 (Straddle Test) 60/90/60/90. Fair building to good blow on first and second open. Rec. 90' of muddy salt water, 210' muddy salt water, 15' heavy mud  
IHP 2145, FHP 2115, ISIP 1550, FSIP 1530, IFP 61-103, FFP 123-185

ACKNOWLEDGEMENT

STATE OF KANSAS, COUNTY OF BARTON, ss:

Before me, the undersigned, a Notary Public, within and for said county and state, on this 18th day of September, 1981, personally appeared William Nelson to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary deed for the uses and purposes therein set forth.

Subscribed and sworn to before me this 18th day of September, 1981.

BEVERLY SHEWBART  
Notary Public  
Barton County, Kansas

April 14, 1982

William Nelson  
Beverly Shewbart  
Notary Public

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SEP 21 1981

CONSERVATION DIVISION  
Wichita, Kansas