

15-163-00635-0000

STATE OF KANSAS  
STATE CORPORATION COMMISSION

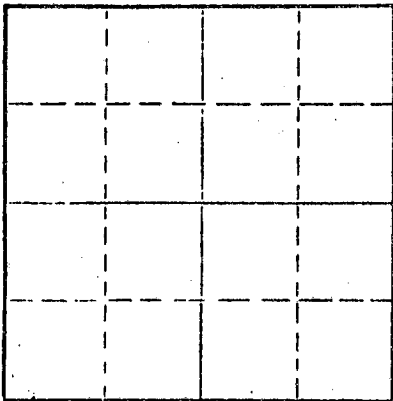
Form CP-4

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
P. O. Box 17027  
Wichita, Kansas 67217

Rooks County, Sec. 2 Twp. 10 Rge. 20 (E) (W)

Location as "NE/CNW/SE/SW" or footage from lines. NE NE SW  
Lease Owner Fender Pipe & Supply K & G Oil Co.  
Lease Name Sparks B#1 BTKCC Well No. \_\_\_\_\_  
Office Address Russell, Kansas 67665  
Character of Well (completed as Oil, Gas or Dry Hole) \_\_\_\_\_  
Date well completed \_\_\_\_\_ 19\_\_\_\_  
Application for plugging filed \_\_\_\_\_ 19\_\_\_\_  
Application for plugging approved \_\_\_\_\_ 19\_\_\_\_  
Plugging commenced 8/6/73 \_\_\_\_\_ 19\_\_\_\_  
Plugging completed 8/8/73 \_\_\_\_\_ 19\_\_\_\_  
Reason for abandonment of well or producing formation depleted.



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 Massey  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3838' 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
				8-5/8	168	none
				5 1/2"	3828	803'

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.

Checked hole, ran sand to 3800' and dumped 5 sacks cement. Loaded hole, shot pipe at 2018', 1017', 895', 812', pulled 20 joints. Squeezed with 5 sacks hulls, 25 sacks gel and 100 sacks pos with 6% gel.

PLUGGING COMPLETE.

RECEIVED  
STATE CORPORATION COMMISSION  
8-15-73  
AUG 15 1973

CONSERVATION DIVISION  
Wichita, Kansas

Name of Plugging Contractor KELSO CASING PULLING  
Address CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE, ss.

R. DARRELL KELSO (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) R. Darrell Kelso  
CHASE, KANSAS

SUBSCRIBED AND SWORN TO before me this 13th day of August, 1973

MARGARET MELCHER  
NOTARY PUBLIC  
Rice County, Kansas  
My Commission Expires  
Feb. 15, 1975

My commission expires

Margaret Melcher  
Notary Public.

RECEIVED  
STATE CORPORATION COMMISSION  
JUL 19 1973  
CONSERVATION DIVISION  
Wichita, Kansas

*Quart Willow  
Ranch  
Nelson Oregon*

SAMPLE ANALYSIS REPORT

BARNETT OIL COMPANY

# 1 SPARKS

NE NE SW, SEC. 2-108-20W

BOOKS COUNTY, KANSAS

BY

WARREN E. TOMLINSON

*Santa Rosa carts New Mexico  
Cabin # 7  
Club Cak.*

December 17, 1951

Barnett Oil Company  
417 First National Bank Building  
Wichita, Kansas

Subject: Barnett Oil # 1 Sparks  
NE NE SW, Sec. 2-10S-20W  
Rooks County, Kansas

Dear Sir:

The following is a sample analysis report on the above captioned well.

I was present during the drilling from 3450 feet to 3832 feet, rotary total depth. Samples were examined from 3100 feet to 3832 feet, rotary total depth.

All tops and zones of porosity are based on kelly bushing measurements.

The following tops were determined from sample examination:

Elevation 2243 DF - 2245 KB

Top Heebner	3482	-1237
Top Lansing	3526	-1271
Base Kansas City	3730	-1485
Top Conglomerate	3767	-1522
Top Simpson Shale	3794	-1549
Top Arbuckle	3827	-1582
Rotary Total Depth	3832	-1587
5-1/2" OD Casing	3828	-1583

Zones of porosity and staining:

3559 - 3563 Limestone, tan, light gray oolitic, fossiliferous. Spotted porosity and staining. This zone incorporated in Drill Stem Test # 1.

3577 - 3581 Limestone, tan oolitic, some interoolitic porosity, trace free oil in wet sample, spotted light stain in dry sample.

Drill Stem Test # 1

3558 - 3596 Open one hour, fair blow throughout test, recovered 165' salt water, BHP 1025#.

3601 - 3605 Limestone, white, oolitic, dark stain. No odor. Judged not worth testing.

Conglomerate Section

3767 - 3794 Chert, vari colored - shale, vari colored. No porous zones or shows of oil in this section.

Simpson Shale Section

3794 - 3827 Shale, varicolored with floating sand grains. No zones judged worth testing.

Arbuckle Section

3827 - 3830 Dolomite, tan, gray, crystalline, compact. Spotted porosity with staining.

3830 - 3832 Dolomite, gray, fine crystalline to granular. Good show of free oil in wet sample. Good odor. Good saturation in dry sample.

Drill Stem Test # 2

3828 - 3832 Open 1 hour, weak blow increasing to strong blow at end of test. Recovered 180' free oil, 30' oil cut mud. BHP 950#.

Due to the favorable Drill Stem Test in the Arbuckle, it was recommended by the undersigned that 5-1/2" OD Casing be run to 3832 feet, rotary total depth, picked up 4 feet and cemented at 3828 feet.

Very truly yours,

TOMLINSON-KATHOL & FENNERICH

By: Warren E. Tomlinson  
Warren E. Tomlinson

FACTS PERTINENT TO THE DRILLING  
OF THE

BARNETT OIL # 1 SPARKS  
NE 1/4 SW, SEC. 2-103-20W  
ROOKS COUNTY, KANSAS

Contractor - Barnett Drilling Company

Drillers: Niehaus  
Nichols  
Kinney

Tool Pusher - L. Abplanalp

Spud Date: 12/1/51  
Surface Pipe 168' 8-5/8" w/125 Sacks

Date of RTD 12/13/51

TOTAL FOOTAGE DRILLED PER DAY  
Under Surface 5:30 AM 12/2/51

Feet	Deep	@	8 A.M.	
365	"	"	"	12/2/51
1820	"	"	"	12/3/51
2370	"	"	"	12/4/51
2680	"	"	"	12/5/51
2960	"	"	"	12/6/51
3175	"	"	"	12/7/51
3380	"	"	"	12/8/51
3505	"	"	"	12/9/51
3596	"	"	"	12/10/51
3660	"	"	"	12/11/51
3760	"	"	"	12/12/51
3832	"	"	"	12/13/51

TYPE & NUMBER OF ROTARY BITS, FOOTAGE PER BIT

Bit	#	Brand	Size	Type	Footage
	1	Hughes	7-7/8	OSC-3	168 - 1460
	2	Hughes	7-7/8	OWS Letip	1460 - 1900
	3	Hughes	7-7/8	OSC	1900 - 2375
	4	Hughes	7-7/8	OSC	2375 - 2650
	5	Hughes	7-7/8	OSC	2650 - 3085
	6	Hughes	7-7/8	OWS	3085 - 3335
	7	Hughes	7-7/8	OWS	3335 - 3541
	8	Hughes	7-7/8	W-7	3541 - 3596
	9	Hughes	7-7/8	W-7	3596 - 3718
	10	Hughes	7-7/8	W-7	3718 - 3786
	11	Hughes	7-7/8	W-7	3786 - 3832

MUD - STARCH

Initial Treatment @ 3400': 20 Sacks Impermix, 17 Sacks Zeogel, 5 Sacks Aquagel, 8 Sacks Hulls.

Total Mud Used: 50 Sacks Impermix, 56 Sacks Zeogel, 31 Sacks Aquagel, 18 Sacks Hulls.

Lost Circulation @ 3709'

Hole in good shape throughout drilling.

DRILLING TIME

NE NE SW  
Section 2-10S-20W

Barnett Oil Company  
# 1 Sparks

Elevation 2245 KB  
Rooks County, Kansas

DEPTH	MINUTES	REMARKS
1' Intervals		
3100	4-4-4-5-5/5-5-4-3-5	
10	5-4-5-5-4/6-5-6-5-4	3110' Conn
20	5-5-8-8-7/3-3-4-3-3	
30	3-3-3-5-5/7-4-4-3-2	3139' Conn
40	3-3-2-3-2/1-2-1-2-3	
50	5-5-4-3-4/6-6-5-5-4	
60	11-10-7-7-7/5-5-5-3-2	3169' Conn
70	2-2-5-7-3/4-5-7-5-11	
80	5-7-5-8-7/8-11-4-5-5	
90	5-5-7-7-6/6-4-5-6-4	3198' Conn
3200	1-2-3-3-5/1-3-4-3-4	
10	7-10-10-6-9/9-6-4-4-3	
20	6-9-9-5-1/1-4-4-4-7	3227' Conn
30	6-6-2-3-3/2-2-2-2-2	
40	2-2-2-2-4/6-4-4-8-5	
50	3-2-4-4-4/5-4-7-6-7	3256' Conn
60	7-4-3-4-4/4-6-7-2-7	
70	5-4-4-5-6/16-10-8-9-10	
80	6-8-6-5-9/10-9-9-10-13	3284' Conn
90	17-10-12-11-7/10-14-6-4-14	
3300	2-3-3-5-4/2-2-1-3-6	
10	10-3-7-11-12/8-10-20-18-12	
20	9-9-7-9-9/12-11-9-6-7	
30	9-5-8-11-11/7-6-6-4-2	3336' Trip
40	2-4-3-2-4/3-3-2-4-5	3345' Conn
50	2-2-3-5-4/2-2-2-3-2	
60	2-3-2-2-4/7-7-8-3-4	
70	5-8-4-2-4/5-5-5-4-4	3374' Conn
80	3-4-4-3-5/7-7-8-9-5	
90	7-9-9-3-5/8-6-6-5-5	
3400	6-7-6-11-10/10-9-10-8-7	3404' Conn
10	9-6-8-10-11/12-19-19-16-14	3415' Conn
20	17-12-26-22-8/23-16-9-8-6	
30	5-3-5-5-8/9-14-17-23-21	3433' Conn
40	25-21-19-19-8/12-14-19-16-18	
50	8-9-12-16-14/12-8-10-18-14	
60	15-6-8-7-7/8-8-11-8-9	3461' Conn
70	11-8-12-10-10/10-11-10-12-12	
80	12-11-4-3-10/11-14-15-9-5	3490' Conn
90	6-6-7-6-6/8-7-7-8-12	

DRILLING TIME

NE NE SW  
Section 2-10S-20W

Barnett Oil Company  
# 1 Sparks

Elevation 2245 KB  
Rooks County, Kansas

DEPTH	MINUTES	REMARKS
1' Intervals		
*****		
3500	6-5-5-6-6/7-10-10-12-13	
10	15-13-16-11-7/10-9-8-8-8	
20	15-12-12-9-12/15-17-20-20-14	3520' Conn
30	8-9-14-14-21/22-19-17-20-21	
40	30-8-17-20-17/15-13-19-11-10	3541' Trip, 3549' Conn
50	9-8-8-7-11/9-8-13-11-5	
60	10-8-7-11-18/11-13-13-12-9	3566' Circ for Sample
70	5-6-7-6-4/4-10-8-7-6	3578' Conn
80	7-10-12-10-9/10-10-9-5-9	DST 3558-96, 38' Anchor
90	12-8-7-6-7/10-17-22-14-8	3596' Circ for Samp.
3600	13-8-9-7-4/9-10-13-10-10	3607' Conn, 3608 Circ for Samp
10	8-6-9-4-6/11-10-9-8-13	
20	19-18-19-15-17/18-16-16-14-16	
30	13-13-12-12-12/9-10-10-13-11	3636' Conn
40	4-11-13-13-9/4-5-6-5-7	
50	6-6-12-11-14/13-12-13-14-14	
60	15-14-14-11-10/14-14-15-17-10	3666' Conn
70	10-7-7-6-8/9-7-13-14-11	
80	11-14-14-18-17/13-13-16-19-14	
90	13-15-15-16-11/14-14-20-12-19	3695' Conn
3700	19-19-20-22-10/12-13-12-9-10	3709' Lost Circ.
10	14-51-13-15-17/20-19-16-6-12	
20	14-19-12-6-9/5-7-8-9-12	3719' Trip, 3724' Conn
30	8-9-8-8-7/10-6-7-7-7	
40	8-9-7-7-7/10-11-9-9-10	
50	7-9-5-7-7/8-7-9-5-7	3754' Conn
60	7-9-11-15-11/13-16-10-9-8	
70	11-9-10-14-11/16-9-7-8-7	
80	11-6-10-9-9/19-27-14-14-11	3786' Trip
90	12-6-5-6-11/13-12-13-18-14	3790-97 S.R.
3800	15-16-15-10-15/14-13-14-11-12	3804-7 S.R.
10	8-7-10-13-13/14-13-14-12-17	3816' Circ for Samples
20	17-13-13-13-11/11-10-19-24-18	3825' Circ for Samples
30	14-6-	3830, 3832 Circ for Samples DST 3828-32, rec. 180' oil, 30' oil cut mud, BHP 950#.