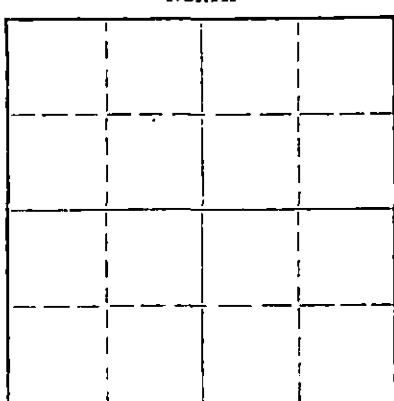


WELL PLUGGING RECORD

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

Barton County. Sec. 12 Twp. 16 Rge. 13 (X) (W)
SW SW NE

Location as "NE/CNW/SW" or footage from lines _____
Lease Owner Robinowitz Oil Co.
Lease Name Miller C Well No. 1
Office Address 1322 East 50th St. Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil Well
Date well completed Sept. 24, 1957 19
Application for plugging filed Dec. 16, 1966 19
Application for plugging approved Dec. 19, 1966 19
Plugging commenced January 5, 1967 19
Plugging completed January 9, 1967 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 Donald Truan
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3379 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
				9 5/8	619'	none
				7"	3366'	2450'

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.

Fill hole from 3379' to 3350' with gravel and mix and dump 5 sacks of cement

Set 20' rock bridge from 350' to 330' and dump 5 cubic yards of ready mix concrete

RECEIVED
STATE CORPORATION COMMISSION

1-20-67 JAN 20 1967

CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Flint Engineering and Const. Co.
Address 2375 W. Central El Dorado, Kansas

STATE OF Kansas, COUNTY OF Butler, ss.

_____, (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) James Davis

(Address)

SUBSCRIBED AND SWORN TO before me this 17 day of January, 19 67

Ronald R. Hanson

Notary Public.

My commission expires Sept. 27, 1967

15009-01302-0000

PHILLIPS PETROLEUM COMPANY

September 24, 1957

RECEIVED
STATE CORPORATION COMMISSION

JAN 20 1967

Phillips Petroleum Company
No. 1 Miller "C"
SW SW NE Sec. 12-16S-13W
Barton County, Kansas
Elevation: 1911 D. F.

CONSERVATION DIVISION
Wichita, Kansas

D. J. Willis
Mr. H. S. Knight
Bartlesville Office

Dear Sir:

The following is our interpretation of the information derived from the samples, drilling time, and Halliburton Radiation Guard log of the No. 1 Miller "C":

<u>FORMATION</u>	<u>SAMPLE & TIME LOG DATA</u>	<u>RADIATION GUARD LOG DATA</u>
Heebner	3019 (-1108)	3022 (-1111)
Toronto	3035 (-1124)	3038 (-1127)
Douglas	3052 (-1141)	3053 (-1142)
Brown Line	3106 (-1195)	3107 (-1196)
Lansing-Kansas City	3118 (-1207)	3119 (-1208)
Drum	3242 (-1331)	3245 (-1334)
Arbuckle	3364 (-1453)	3365 (-1454)
Rotary Total Depth	3367 (-1456)	3367 (-1456)

Halliburton measurements of all tops, zones and total depth are taken to be correct.

<u>CORRELATIONS:</u>	Phillips Pet. Co.	Phillips Pet. Co.	Phillips Pet. Co.
	#1 Miller "C"	#1 Whitmer "A"	#1 Allen
	SW SW NE	NW NW SE	SE SE NW
	Sec. 12-16S-13W	Sec. 12-16S-13W	Sec. 12-16S-13W
	Halliburton	Halliburton	Halliburton
<u>Formations:</u>	<u>Pipe set to test.</u>	<u>223 BO + 7 BWP</u>	<u>238 BOPD no wtr.</u>

Heebner	-1111	-1114	-1114
Lansing-Kansas City	-1208	-1209	-1210
Arbuckle	-1454	-1464	-1460
Rotary Total Depth	-1456	-1531	-1463
			3386

Rich Please check this and return to me. *File*

19.11.0
1908.50
1911 2.5
1913.5
RKB

15009-01302-0000

Phillips Petroleum Company
No. 1 Miller "G"

September 24, 1957
Page 2

SHOWS OF OIL AND/OR GAS:

Toronto Zone:

- 3040-46: Finely sucrosic dolomite with even saturated stain, fair golden yellow fluorescence and slight evidence of intercrystalline porosity.
 - 3040-3042: Halliburton indicates 17% porosity with 42% water saturation.
 - 3043-3046: Halliburton indicates 14% porosity with 60% water saturation.
Rw = .05 m = 2.0
- Do not recommend testing.

Lansing-Kansas City Zone:

- 3121-3125: Oolitic limestone with trace vugular porosity, stain and fluorescence.
 - 3121-3125: Halliburton indicates 13% porosity with 60% water saturation.
Rw = .05 m = 2.0
- Do not recommend testing.
- 3148-3154: Oolitic limestone with some oocastic porosity, trace pinpoint porosity, trace stain and slight trace free oil.
 - 3150-3152: Halliburton indicates 20% porosity with 100% water saturation.
Rw = .05 m = 2.8
- Do not recommend testing.
- 3266-3270: Oolitic limestone slightly chalky with slight trace oocastic and vugular porosity slight stain and trace free oil.
 - 3266-3270: Halliburton indicates less 7% porosity, no calculation made.
- Do not recommend testing.

Arbuckle Zone:

- 3364-3367: White coarse crystalline dolomite with scattered intercrystalline porosity, some pin points of light brown free oil, slight taste and no odor.

Halliburton did not penetrate the Arbuckle to the extent that calculations could be made.

Phillips Petroleum Company
No. 1 Miller "C"

September 24, 1957
Page 3

It has been recommended and approved, due to our structural position relative to the three offset wells, to set 7 inch casing at a depth of 3366' (-1455), testing the Arbuckle by deepening as necessary.

This well may be deepened to 3401 (-1490) in order to obtain commercial production.

Very truly yours,

Gene DeLong
Gene DeLong

Approved by: *W. E. McHugh*
W. E. McHugh

cc: Earl Griffin
A. J. Willis
F. W. Shelton

GD/jc

15019-01302-000

MILLER "C" NO. 1 - LOG ANALYSIS

9-27-5

R.N.

GEOLOGICAL RECOMMENDATIONS	DISTRICT RECOMMENDATIONS	DEPTH FOR CALCULATIONS	RT (GUARD)	NEUTRON C.P.S.	POROSITY	WATER SATURATION
NONE	? 3040-44	3041-43 3043-45	10 19	475 500	17 14	25 32
NONE	NONE	3111-12	36	570	9	45
NONE	NONE	3126-28 3130-32	65 27	610 610	7 7	40 60
NONE	NONE	3140-42	29	570	9	48
NONE	NONE	3144-46	21	500	14	33
NONE	? 3149-60	3148-50	20	490	15	30 ↑
NONE	OCASITIC	3154	30	560	10	42 ↓
NONE	NOT OCASITIC IN ALLAN	3180	38	585	8.5	44
NONE	NONE	3181-83	25	570	9	50
NONE	NONE	3210-12	120	380	8.5	25
NONE	-NONE	3247-49	35	500	14	25
NONE	NONE	3359	100	590	8	28

PK OCASITIC
SW = 100%

SUMMARY

HAVE RECOMMENDED TESTING IN ALLAN NO. 1 BEFORE ABANDONMENT

NOTE: THE PROBE SHOULD BE TESTED IN THIS WELL BEFORE ABANDONING.

THE L.K. ZONE 3149-60 HAS BEEN DESCRIBED AS OCASITIC IN THE WHITMAR'S MILLER "C" 1 BUT NOT IN ALLAN - ON BASIS OF THIS DIFFERENCE AND SHOWN SAMPLES BELIEVE THIS ZONE SHOULD BE TESTED BEFORE ABANDONMENT OF WELL - WOULD NOT RECOMMEND DURING COMPLETION.

15-009-01302-0000

DAILY REPORT DETAILED

LEASE Miller "C" WELL NO. 1 Sheet No. 1

DATE	TOTAL DEPTH	GROUND 1908.5' DF 1911 RKB 1913.5'	NATURE OF WORK PERFORMED
September, 1957			
11			Location staked 9-11-57 by RH Jukes and HF Stoner - 2306' from East and 2310' from North lines, NE/4 Section 12-16S-13W, Barton County, Kansas
12			Moving in and rigging up Sterline Drilling Company's Rotary. Digging cellar and pits, laying water line.
13	190		Drilling surface soil and shale. Drilling 12-1/4" hole. Finished rigging up Sterling Drilling Company's Rotary. Spudded 4:00 p.m. 9-13-57. Drilled 13-3/4" hole to 160'. Picked up 12-1/4" bit and started drilling ahead. 0° at 60'.
14	740		WOC. Drilled 12-1/4" hole to 620' in shale. Picked up 8-3/4" bit and rat holed to 740' in shale. 0° at 250'. 3/4° at 620'. Ran 19 joints 616.20' OA (611.10' IT) 9-5/8" OD 32# H-40 EW Rge-3 Cond. "A" casing set at 619' with 370 ex. Pozmix, 400# Calcium Chloride. Pumped plug to 585' at 7:00 p.m. Cement Circulated. Top collar 8' below RKB. Centralizers at 609', 504', 400'; DF 2.5' above ground. RKB 2.5' above DF. Elevation 1911 DF.
15	1050		Drilling redbed and shale. Drilling 8-3/4" hole. Drilled plug at 7:00 p.m. 9-15-57. WOC total of 24 hrs.
16	1975		Drilling lime and shale. 3/4° at 1500'.
17	2325		Drilling lime and shale. 1/2° at 2000'. Jetted pits and mudded up at 2075'.
18	2670		Drilling lime and shale. 3/4° at 2550'.
19	2885		Drilling lime.
20	3075		Drilling lime. 1/2° at 3000'.
21	3255		Drilling Lime.
22	3367		Running Electric log. Drilled to 3367' TD in lime. Circulated and conditioned hole, came out of hole for log.
23	3367		WOC. Ran Halliburton Gamma Ray-Neutron-Guard Log to 3367' Log tops as follows: Heebner 3022', Toronto 3033', Douglas 3053', Brown Lime 3107', LKC 3119', Drum 3245', Arbuckle 3365'. Ran 107 joints 3391' OA (3357.58' IT) 7" OD 23# J-55 SR Rge 2 Cond. "B" csg set at 3366' with 40 ex. common cement, 20% Diacel. Pumped plug to 3330' at 10:30 a.m. 9-23-57. Top Collar 5' below RKB; (Float equipment 3.48'). Centralizers at 3356', 3250', 3150', 3050', and 2945'. DF 2.5' above ground. RKB 2.5' above DF. Elevation 1911' DF.
24-25			WOC and DIU.
26			Moved in and rigged up Doe Oil Field Service, Inc. Drilling-In-Unit. Strung in baler to 3322'. Swabbed mud and cleaned out to 3328'.

15-009-01302-0000

DAILY REPORT DETAILED

LEASE Miller "C" WELL NO. I Sheet No. 2

<u>DATE</u>	<u>TOTAL DEPTH</u>	<u>NATURE OF WORK PERFORMED</u>
<u>September, 1957</u>		
27	3379	Dried up hole, tested casing 1 hour, hole dry. Drilled plugs at 3328-3330' and float collar 3330'. Drilled cement to 3366' - drilled shoe and cleaned out to 3367'. Drilled 3367-69' in 20 min. - show of oil. Drilled 3369-71' in 20 min. - show of oil. Drilled 3371-73' in 28 min. - 300' oil in hole. Drilled 3373-75' in 30 min. - 600' oil in hole. Drilled 3375-77' in 24 min - 1000' oil in hole. Drilled 3377-79' in 24 min. - 1300' oil in hole.
28		Swabbed 87 BO, no water in 4 hours from 3000' then swabbed 61 BO, no water in 4 hours. Last hour: 15.38 BO from 3000'. Corrected gravity: 34.9 at 60' - Tore down and released drilling-in unit 12:00 noon 9-28-57. Moving in material to equip well.
<u>29-30</u>		
<u>October, 1957</u>		
1-2	Run	Running tubing and rods.
3-7		Building tank battery.
8-10		Setting unit, laying lead line. Tank battery complete.
11		Started pumping 3:00 p.m. 10-11-57.
12		Pumped 121 BO 0 BW 18 hrs at 12-44" spm.
13		Pumped 167 BO 0 BW 24 hrs at 12-44" spm.
14		Pumped 168 BO 0 BW 24 hrs at 12-44" spm.
15		Pumped 162 BO 0 BW 24 hrs at 12-44" spm.
16		Pumped 37 BO 0 BW 6 hrs at 12-44" spm; down 18 hours - Tank Room.
17-20		Shut down - Tank Room.
21		Hauled oil - Shut down - Waiting on State Potential.
22-23		Waiting on Potential.
24	3379	Established State Physical Potential of 266 BO, no water in 24 hours at 17-44" spm. Gravity: 34.9 at 60. Producing from Arbuckle. FINAL REPORT.

67
12 min

3379
1911
-1468

INDIVIDUAL WELL COMPLETION RECORD

Lease Hiller "C" Well No. 1 AFE P- 5926

LINE MEASUREMENTS OF WELL: 2306' from East and 2310'
 from N. lines, NE/4 Sec. 12 16S 13W
 Barton County, Kansas

ELEVATIONS:
 Ground 1908.50 Ft.
 Derrick Floor 1911.00 Ft.
 R K B 1913.50 Ft.
 Top Csg. Fig. _____ Ft.
 Or Bench Mark _____ Ft.

COST DATA:
 Est. Total Mud \$977.17
 TOTAL PAID DRILLING CONTRACTOR:
 Footage \$ 10,089.00
 Day Work \$ 275.00

Measurement Taken From RKB

CASING						CEMENT					
Date	Size	Weight	Condition & Grade	Amount Run	Where Set	No. Socks	Kind	Depth Of Plug	Top In Annulus	Amount Pulled	Date Pulled
9-14-57	9-5/8"	32#	H-40 "A"	616.20' OA	619'	370 400#	Pozmix CC	585'	Circulated	None	
9-23-57	7"	23#	J-55 "B"	3391' OA	3366'	40 20%	Common Diacol	3330'	*2947		
*Estimated assuming 70% Fillup.											

15-009-01302-00-02

EXPLORATION RECORD

Bville Prod: 15-009-01302-000
 1 FW Shelton
 1 District
 1 Geo. Dept - Bville
 1 Geo. Dept - District
 Well 1

Lease Miller "C"

Formation Name	Top	Base	Remarks
Surface Earth and Shale	0	190	
Shale and Sand	190	460	
Pyrite	460	464	
Shale and Shells	464	515	
Shale	515	740	
Red Bedn	740	865	
Anhydrite	865	890	
Red Bed and Shale	890	1050	
Shale and Shells	1050	1600	
Shale and Lime	1600	2780	
Lime	2780	2885	
Lime and Shale	2885	2940	
Lime	2940	3075	
Lime and Shale	3075	3155	
Lime	3155	3255	
Lime and Shale	3255	3325	
Lime T. D. (Rotary)	3325	3367	
Lime (Cable Tools)	3367	*3379	
<u>FORMATION TOPS (Halliburton Log)</u>			
Heebner	3022		
Toronto	3038		
Douglas	3053		
Brown Lime	3107		
LKC	3119		
Drum	3245		
Arbuckle	3365		

*Not penetrated at 3379' TD.