

RECEIVED
STATE CORPORATION COMMISSION FORM CP-4

SEP - 9 1980

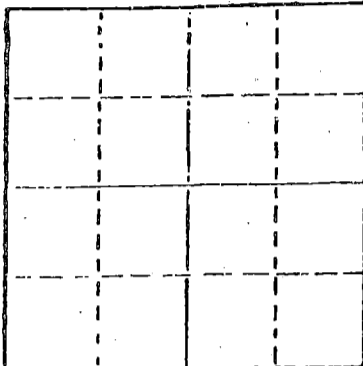
CONSERVATION DIVISION
Wichita, Kansas

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

Reno County, Sec. 7 Twp. 24 Rge. 4 E/W
Location as "NE/CNW 1/4 SW 1/4" or footage from lines
C NE SE
Lease Owner Africo Exploration, Inc. LTD
Lease Name Wofford (Bogner #1) Well No.
Office Address Wichita, Kansas 67214
Character of Well (Completed as Oil, Gas or Dry Hole)



Locate well correctly on above
Section Plot

Date Well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 8/11/80 19
Plugging completed 8/19/80 19
Reason for abandonment of well or producing formation
depleted
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 Toman
Producing formation Depth to top Bottom Total Depth of Well 3409
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	544	none
				5 1/2"	3408	2701

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.

Sanded to 3550' and ran 5 sacks cement. Loaded hole, shot pipe at
2745', pulled 87 joints. Set rock bridge from 320 to 300' and ran
4 1/2 yards ready mix.

PLUGGING COMPLETE.

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

Name of Plugging Contractor KELSO CASING PULLING
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

(Address)

SUBSCRIBED AND SWORN TO before me this 5th day of Sept., 1980

My commission expires



Margaret Melcher
Notary Public.

ROBERT C. ARMSTRONG

RESIDENCE

564 N. ARMOUR DRIVE
MU 3-0787

PETROLEUM GEOLOGIST

WICHITA, KANSAS

OFFICE

655 FOURTH NAT'L. BLDG.
AM 5-5608

November 11, 1968

263 2981

BOGNET

WOFFORD #1 ~~WOFFORD~~
Cen NE SE Sec. 7-24S-4W
Reno County, Kansas

GENERAL

Contractor: Wofford Drilling Co.
Spudded: October 29, 1968
Completed: November 7, 1968
Rotary: Surface to 3409', T.D.

CASING

8 5/8" cemented at 544' with 350 sacks
5 1/2" cemented at 3408' with

GEOLOGICAL DATA

Samples saved and drilling-time recorded from 1200' to 1500'
and from 2800' to Total Depth.

Elevation: 1483 df, 1486 kb. Kelly bushing elevation and
measurements used.

Formation tops

Chase - Council Grove	1335	+ 151
Cherokee Shale	3200	- 1714
Mississippi Lime	3305	- 1819
Osage	3344	- 1858
Total Depth	3410	- 1924

DRILL STEM TESTS

DST #1

1330 - 1355, Open 1 hour,
recovered 450' salt water:
I.B.H.P. 529#, I.F.P. 30#, F.F.P. 28#,
F.B.H.P. 529#

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15-155-20081-0000

ROBERT G. ARMSTRONG
PETROLEUM GEOLOGIST
WICHITA, KANSAS

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CORES

None

IMPORTANT ZONES

Chase-Council Grove

1335 - 1348

Tan to brown fine crystalline, dolomitic lime, very light staining. Recovered water in DST #1.

Lansing-Kansas City

Several porous zones were present - no oil shows.

Mississippian

3305 - 3344

Mostly gray dense fine to medium crystalline lime, trace of tan sharp opaque chert - no porosity, no oil staining.

3344 - 3366

White soft tripolitic chert. Show free oil.
TEST THIS ZONE

3466 - 3474

White, fine crystalline limestone, no porosity, no oil staining.

3474 - 3497

White, opaque chert. Small show free oil, trace fine granular dolomite with no show. This zone should be tested at some future date. Log looks favorable.

SUMMARY

The Mississippian top on this well with a datum of -1819, is 15' higher than Clark and #1 to the south. It is 19' higher on the Osage. The first good porosity is from 3344 - 3366, and correlates with the pay zone on the Miller. A lower zone from 3376 - 3397 carries oil staining, but may carry water. This should be tested before abandonment.

Sincerely yours,

Robert C. Armstrong
Robert C. Armstrong

RCA:fd

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WOFFORD #1 BOUGNER
 Cen NE SE Sec. 7-24S-4W
 Reno County, Kansas

DRILLING TIME LOG

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
1200 - 1210	1-1-2-2-1-1-1-1-3-3	
1220	3-2-2-1-1-1-1-1-1-2	
1230	1-1-1-1-1-1-2-2-2-3	
1240	2-1-2-1-1-2-2-1-1-1	
1250	1-1-1-1-1-1-1-1-2-2	
1260	2-2-1-1-1-1-1-2-2-1	
1270	2-2-2-2-3-3-2-2-1-2	
1280	2-2-2-1-1/2-1/2-1-1-3-2	
1290	2-1-2-2-3-2-3-2-2-3	
1300	2-2-3-1-1-1-1-1-1/2	
1300 - 1310	1 1/2-4-3-2-1-2-2-2-3-3	
1320	2-3-2-2-1-2-2-2-2-2	
1330	2-3-2-2-3-2-3-2-3-2	
1340	2-3-2-2-2-1/2-1/2-1-1-1	
1350	1-1-1-1-1-1-1-2-2-1	
1355	3-4-3-2-2	DST #1
2800 - 2810	4-3-3-2-3-3-3-4-2-4	
2820	2-2-3-2-2-3-2-2-2-2	
2830	3-2-1-1-3-2-3-2-4-2	
2840	2-2-2-2-1-2-1-1-2-4	
2850	3-3-3-4-4-3-4-2-3-3	
2860	4-3-2-2-3-4-4-3-5-4	
2870	4-2-4-4-3-3-3-3-4-4	
2880	4-5-6-6-7-5-6-6-4-5	
2890	6-5-4-5-6-6-7-3-3-3	
2900	4-4-6-4-4-4-9-4-3-5	
2900 - 2910	7-7-4-3-4-2-4-6-5-5	
2920	5-7-6-7-8-2-4-6-4-6	
2930	7-7-6-7-7-8-10-8-9-4	
2940	4-9-8-9-8-9-9-10-10-9	
2950	8-9-9-7-8-8-7-7-7-8	
2960	8-6-6-6-6-5-5-5-5-4	
2970	4-6-7-6-3-3-4-3-2-1	
2980	1-1-4-6-6-6-7-8-5-5	
2990	5-6-5-7-7-6-8-8-9-9	
3000	6-3-3-3-3-5-8-8-8-4	
3000 - 3010	2-2-1-1-1-1-1-1-2-7	
3020	7-6-6-4-5-6-5-6-6-7	
3030	7-4-3-5-8-8-8-10-7-4	
3040	3-6-10-9-10-8-8-10-10-11	
3050	9-10-10-8-7-7-8-6-8-10	
3060	6-4-4-5-4-2-2-3-3-4	
3070	6-6-5-5-5-5-4-4-4-4	
3080	7-6-7-8-7-8-8-8-8-7	
3090	4-4-4-4-3-4-6-7-7-7	
3100	5-6-6-4-6-4-5-5-4-6	

DST #1

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Reno County, Kansas
Drilling Time Log
Page Two

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
3100 - 3110	5-5-9-8-7-8-8-8-8-9	
3120	8-8-3-5-5-5-5-5-6-5	
3130	4-3-3-5-4-4-3-2-2-1	
3140	1-2-2-4-5-4-5-5-6-5	
3150	5-4-4-3-4-5-5-4-5-4	
3160	5-6-4-4-4-3-3-3-2-5	
3170	4-3-2-3-3-5-5-5-5-5	
3180	5-5-6-5-4-5-4-5-4-4	
3190	5-4-3-3-4-2-3-3-4-4	
3200	2-2-3-4-5-4-3-3-3-3	
3200 - 3210	4-4-5-3-4-5-5-5-4-5	
3220	7-5-5-5-4-4-4-3-3-3	
3230	3-3-3-4-3-3-3-2-3-3	
3240	3-4-4-5-4-5-4-4-3-3	
3250	4-4-4-4-4-4-4-4-4-4	
3260	4-4-4-4-4-4-4-4-3-3	
3270	4-5-5-4-4-5-4-5-5-5	
3280	5-3-3-3-3-2-2-4-5-6	
3290	4-4-4-5-4-3-3-4-4-5	
3300	6-5-4-5-6-4-3-3-2-2	
3300 - 3310	3-5-5-5-3-7-5-5-5-5	
3320	5-4-4-6-6-7-3-1-1-1	
3330	2-7-4-4-2-3-2-4-3-4	
3340	6-6-6-6-7-8-3-4-6-5	
3350	4-5-4-12-9-2-2-2-4-2	
3360	2-5-3-3-3-2-2-2-2-2	
3370	2-3-4-4-3-4-7-6-9-7	
3380	4-6-8-7-6-5-4-3-2-2	
3390	3-3-2-3-5-3- 2-2-4	
3400	2-3-2-5-2-4-3-11-10-8	
3400 - 3409, TD	10-10-10-11-15-9-13-12-17	

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