

15-163-00297-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
800 BITTING BUILDING
WICHITA, KANSAS

WELL PLUGGING APPLICATION FORM

Lease Owner Francis Oil & Gas, Inc. Address 905 Palace Bldg.-Tulsa, 3, Okla.
(Applicant)
Lease (Farm Name) Anderson Well No. 1

Well Location SW SW SW Sec. 9 Twp. 7 Rge. 19 (X) or (W)

County Rooks Field Name (if any) Unnamed

Was well log filed with application? Yes. If not, explain:

Date and hour plugging is desired to begin October 15, 1952

Plugging of the well will be done in accordance with the Rules and Regulations of the State Corporation Commission, or with the approval of the following exceptions: Explain fully any exceptions desired.
(Use an additional sheet if necessary) _____

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Wichita, Kansas
10-11-52

Name of the person on the lease in charge of well for owner _____

Loy Munday Address P.O. Box 38, Gorham, Kansas

Name of Plugging Contractor Bert Self

Address Hutchinson, Kansas

Invoice covering assessment for plugging this well should be sent to:

Francis Oil & Gas, Inc. Address 905 Palace Bldg. - Tulsa, 3, Oklahoma

and payment will be guaranteed by applicant.

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RECEIVED
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OCT 8 1952
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Wichita, Kansas

Maya C Miller
Applicant or Acting Agent

Date October 8, 1952

15-163-00297-00-00

April 14, 1951

GEOLOGIC REPORT

Francis Oil & Gas Co., J. Anderson
NW SW SW Sec 9 T7S R19W
Rocks County, Kansas

Elevation: 1941 BF
1943 KB

Total Depth: 3405 KB in Arbuckle

Wildcat

Casing Record: 8 3/4" 5/8" x 2000 ft / 125 Sex

Commenced:
Completed: April 11, 1951 Rotary
I. P.:

Summary of Formations (Depth From KB)

Anhydrite (Driller)	1440	RECEIVED STATE CORPORATION COMMISSION OCT - 9 1952 CONSERVATION DIVISION Wichita, Kansas
Hachner	5088	
Toronto	5112	
Lensing	5150 (-1157)	
Conglomerate	5200	
Arbuckle	5205 (-1157)	
Total Depth	3405 Arbuckle	

Cores: None

Drill Stem Tests:

- #1. 5114-41 Open 1 hour. Mild flow throughout. Recovered 100 feet lightly oil out mud with salty taste. BEHP 500% in 15".
- #2. 5209-2405 Open 1 hour 15 minutes. Recovered 80' free oil, 5 feet mud with very faintly salty taste. BEHP 900% in 20 minutes.

Electric Loss: None.

Oil Shows:

- Topoka 5088-46 Limestone, porous, fossiliferous fine crystalline. Good show dark heavy oil. This zone is possibly commercial.
- 5058-75 Interbedded porous well stained limestone, dense limestone and shale. Possibly commercial.
- Toronto 5112-27 Limestone, white medium crystalline cherty. Abundant fine crystalline oolitic. Scattered porosity and stain. Estimated non-commercial.

Lensing-Kansas City 5151-54 Limestone, oolitic, interstitial porosity. Fair porosity, light stain. Free oil. Possibly commercial.

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- 3212-16 Limestone, sacrose dolomitic, light odor. Scattered stain. Poor porosity.
- 3221-28 1 inch and 2 inch streaks pay interbedded with dense limestone. Estimate 1 foot net pay.
- 3311-31 Interbedded shale and limestone with few thin streaks saturation. Estimate 1 foot pay.
- 3321-32 Estimate 6 inch pay in interbedded limestone and shale.
- 3338-92 Sand, porous limey round medium coarse. Good show oil.

Arbuckle Dolomite, tan medium to coarsely crystalline, sandy, glauconitic. Good porosity. Good show. Estimate commercial.

Recommendations

1. It is recommended that casing be cemented 1 foot in the Arbuckle. If this well can be completed commercially as a "natural" well, it is recommended that this be done. If not, it is recommended that the zone be strata-lifted or hydrac'd, rather than conventionally acidized. It is also suggested that conventional acid might cause a swelling of the sand grains in this formation. Dowell III might be a more desirable acid to use, if it is acidized.
2. After Arbuckle is depleted, it is recommended the following zones be tested:
 - a. 3336-92 Acidize with III acid.
 - b. 3221-3338 Acidize complete zone.
 - c. 3212-16 Acidize.
 - d. 3131-34 Acidize.
 - e. 3038-46 Acidize. If this zone is commercial, and after it is depleted, it is recommended it be squeezed and zone 3038-72 be perforated and acidized.

Respectfully submitted,

Joseph Reichman

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Francis Oil & Gas Co. #1 Anderson
SW SW SW Sec 2 T7S R19W
Rooks County, Kansas

Elevation: 1941 BF
1943 KB
Total Depth: 3403 KB in Arbuckle

DESCRIPTION OF WELL CUTTINGS

<u>Depth</u>	<u>Description</u>	<u>Remarks</u>
2900-10	Limestone, grey to tan granular.	
20	Limestone, white to buff granular chalky.	
30	Limestone, buff sacrose dolomitic. Minor grey opaque fossiliferous chert.	
40	Shale, grey micaceous splintery. Abundant grey calcareous fine sandstone. Abundant grey mottled limestone.	
50	Limestone, white to buff granular fusulinid.	
60	Same. Interbedded dark grey micaceous shale.	
70	Limestone, white to buff fine crystalline. Pinpoint porosity.	
80	Same. Minor buff opaque chert.	
90	Same.	
2990-3000	Limestone, buff granular to brown fine crystalline. Minor black carbonaceous "Heebner-type" shale.	
3000-10	Same. Increase black shale.	
20	Limestone, buff to tan granular to fine crystalline.	
30	Same. Much grey shale. Minor fusulinid limestone.	
40	Limestone, buff to tan fine crystalline.	
50	Same. Abundant porous limestone well saturated with dark oil. Possible well.	Correct to 3038-46 Fair show oil
55	Limestone, buff granular. Abundant grey opaque chert.	
60	Limestone, grey granular. Abundant grey opaque chert.	
70	Traces well stained (dark) fossiliferous limestone and grey and green shale. Mostly buff granular limestone.	Streaks from 3058-73
75	Limestone, buff to tan granular. Minor brown translucent chert.	
80	Limestone, buff to tan granular spotted dark stain. Abundant white smooth chert. Minor brown translucent chert.	
85	Limestone, buff granular to brown fine crystalline. Traces saturated porous (very dark oil) lime, minor grey opaque chert.	
90	Limestone, white to buff granular chalky. Trace dark brown chert.	
95	Abundant black carbonaceous shale and green to grey micaceous shale. Some limestone to brown fine crystalline.	Heebner 3086
3095-3100	Limestone, buff granular to brown fine crystalline. Minor black carbonaceous shale. Abundant grey micaceous shale.	
3100-05	Limestone, buff granular to brown fine crystalline. Spotty dark stain. Trace white translucent chert. Trace brown translucent chert.	
10	Limestone, grey white granular to brown fine crystalline.	
15	Abundant grey micaceous shale.	
20	Limestone, buff granular. Abundant tan to brown to orange translucent to transparent chert. Abundant buff fine to medium crystalline fossiliferous oolitic. Scattered porosity and stain.	Toronto 3112

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Francis Oil & Gas Company #1 Anderson

DESCRIPTION OF WELL CUTTINGS (continued)

<u>Depth</u>	<u>Description</u>	<u>Remarks</u>
3120-25	Limestone, white medium crystalline fossiliferous slightly chert. Traces stain.	
30	Same. Much red micaceous shale.	Break 3151-34
35	Limestone, white oolitic. Show of oil. Light odor. Fair interstitial porosity.	DST #1 3114-41
40	Limestone, white to tan fine crystalline. Abundant white smooth opaque chert.	Open 1 hr. Rec 100' lightly
50	Limestone, white granular to fine crystalline. Minor white chert. Trace stain.	OGM Good odor. BEP 580# in 15"
60	Same.	Lansing 3130
70	Same.	
75	Abundant apple green shale.	
80	Limestone, white to tan fine crystalline. Green and grey shale.	
90	Limestone, white granular to tan dense. Trace brown translucent chert.	
3190-3200	Same. Thin streak well stained porous limestone.	
3200-10	Same. Traces stain porous limestone.	
20	Limestone, white granular to tan fine crystalline. Minor white mealy granular limestone. Odor and stain. Poor porosity.	
25	Abundant tan sacrose partly dolomitic limestone. Scattered stain. Light odor. Slight show free oil. Only traces porosity.	Correct to 3213-16 in streaks.
30	Same.	
Circ.	Limestone, buff sacrose dolomitic. Traces stain. Poor porosity.	Correct to 3221-28
40	Limestone, white granular chalky to tan fine crystalline.	
50	Same, to grey dense.	
60	Abundant dark brown to grey mottled fine crystalline limestone.	
70	Limestone, white granular to buff dense, trace stain. Poor porosity. Traces light grey opaque chert.	
80	Limestone, white to buff granular to grey fine crystalline. Trace dark grey translucent chert.	
90	Limestone, tan dense minor tan suboolitic limestone with spotted saturation. Scattered porosity.	Correct to 3281-89 1" to 2" streaks. Saturation in this interval net pay not over 1 foot.
3290-3300	Limestone, white granular to tan dense.	
3300-10	Same. Trace buff subtranslucent chert.	
20	Same. Abundant varicolored shale. Trace red limestone. Trace well stained oolitic limestone.	

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Francis Oil & Gas Co. #1 Anderson

DESCRIPTION OF WELL CUTTINGS (continued)

<u>Depth</u>	<u>Description</u>	<u>Remarks</u>
3320-50	Same. Scattered stain. Poor porosity. Trace orange translucent chert.	Correct to 3311-21. Interbedded shale and limestone/few thin streaks saturation Est. 1 foot
35	Streaks oolitic finely porous well stained limestone.	Manhattan 3321 Est 6" pay in interval 3321-33
40	Shale, variegated and white to tan. Trace red limestone.	
45	Same.	
50	Same. Increase shale.	
55	Shale, soft red, minor grey sandy shale.	
60	Trace grey shaley fine sandstone. Washes out	Correct to 3344-55
70	Limestone, white medium crystalline oolitic. Traces light grey translucent chert.	
3377 Circ	Abundant red stain limestone and red shale.	
80	Shale, red chunky. Traces red sandy argillaceous limestone.	
85	Same.	
3385 Circ	Limestone, white fine crystalline. Spotty stain. Abundant grey to tan translucent chert.	
90	Same.	
94	Limestone, sacrose dolomitic well saturated. Abundant green shale.	Conglomerate 3386
Circ 15"	Sand, partly porous limy rounded medium coarse. Good saturation. Bleeding oil. Partly impregnated with green shale.	Limy sand show oil 3388-98
30"	Same. Trace red opaque weathered chert. Trace weathered oolitic chert.	
45"	Same. Slight increase weathered chert. Some green sandy shale noted.	
3394-3400	Shale, green sandy.	Arbuckle 3398
3400-03	Dolomite.	DST #2 3399-3405
3403 Circ	Dolomite, tan medium to coarsely crystalline sandy and glauconitic, partly sandy impregnated with green shale and glauconitic. Good vugular porosity. Good odor.	Op 1 hr 15", Rec. 90' free oil & 3' mac W/slightly salty taste.
3405 TD	Bleeding	BHSIF 960% in 20%

Respectfully submitted,

Joseph Teichman



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STATE CORPORATION COMMISSION
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800 BITTING BUILDING
WICHITA, KANSAS

October 9, 1952

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Well No. 1
Lease Anderson
Description SW SW SW 9-27-19W
County Rooks
File No. 50-42

Francis Oil & Gas, Inc.
905 Palace Bldg.
Tulsa 3, Oklahoma

Gentlemen:

This letter is your authority to plug the above subject well, in accordance with the Rules and Regulations of the State Corporation Commission. When you are ready to plug this well, please contact our District Plugging Supervisor, Mr. Eldon Petty, Box 326, Hays, Kansas.

STATE CORPORATION COMMISSION
CONSERVATION DIVISION

BY: J. P. Roberts
J. P. ROBERTS

cc: DISTRICT PLUGGING SUPERVISOR