

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6677
Name: Sandlin Oil Corporation
Address 1: 621 17th Street, Suite 2055
Address 2: _____
City: Denver State: Co Zip: 80293 + _____
Contact Person: Gary Sandlin
Phone: (303) 292-3313
CONTRACTOR: License # 33905
Name: Royal Drilling
Wellsite Geologist: Herb Deines
Purchaser: NCRA
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
8/13/2009 8/18/2009 9/19/2009
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-25887-00-00
Spot Description: _____
E/2 NE SW SE Sec. 15 Twp. 12s S. R. 18 East West
920 Feet from North / South Line of Section
1400 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Karlin Well #: 2
Field Name: Beemis Shutts
Producing Formation: Arbuckle
Elevation: Ground: 2173 Kelly Bushing: 2178
Total Depth: 3800 Plug Back Total Depth: 3751
Amount of Surface Pipe Set and Cemented at: 216 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AM II No 12-10-09
(Data must be collected from the Reserve Pit)
Chloride content: 38,000 ppm Fluid volume: 400 bbls
Dewatering method used: Allow to dry and backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: President/Sandlin Oil Corporation Date: 12/04/2009
Subscribed and sworn to before me this 4th day of December
20 09
Notary Public: [Signature]
Date Commission Expires: October 2, 2010

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
_____ UIC Distribution

RECEIVED
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Operator Name: Sandlin Oil Corporation Lease Name: Karin Well #: 2
 Sec. 15 Twp. 12s S. R. 18 East West County: Ellis

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Density Neutron, Sonic, Microlog	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Stone Coral</td> <td>1427</td> <td>+751</td> </tr> <tr> <td>Topeka</td> <td>3124</td> <td>-946</td> </tr> <tr> <td>Heebner</td> <td>3376</td> <td>-1198</td> </tr> <tr> <td>LKC</td> <td>3424</td> <td>-1246</td> </tr> <tr> <td>Base KC</td> <td>3644</td> <td>-1466</td> </tr> <tr> <td>Simpson</td> <td>3680</td> <td>-1502</td> </tr> <tr> <td>Arbuckle</td> <td>3691</td> <td>-1512</td> </tr> </table>	Name	Top	Datum	Stone Coral	1427	+751	Topeka	3124	-946	Heebner	3376	-1198	LKC	3424	-1246	Base KC	3644	-1466	Simpson	3680	-1502	Arbuckle	3691	-1512
Name	Top	Datum																							
Stone Coral	1427	+751																							
Topeka	3124	-946																							
Heebner	3376	-1198																							
LKC	3424	-1246																							
Base KC	3644	-1466																							
Simpson	3680	-1502																							
Arbuckle	3691	-1512																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	216	Common	150	gel 3 chloride 5
Production	7 7/8"	5 1/2"	15.5#	3797	Common	150	salt 10% gel 2%
Port Collar	7 7/8"	5 1/2"	15.5#	1996	60-40	425	gel 6% 1/4 flo 2% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	3692-3694		
2	3694-3698		

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3748'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>9/19/2009</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>40</u>	Gas Mcf _____	Water Bbls. <u>240</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ <div style="text-align: center; border: 1px solid black; padding: 5px; font-weight: bold;">RECEIVED</div>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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ALLIED CEMENTING CO., INC. 20111

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>8-13-09</u>	SEC. <u>15</u>	TWP. <u>12</u>	RANGE <u>18 W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30pm</u>	JOB FINISH <u>4:00pm</u>
LEASE <u>KARLEN</u>		WELL # <u>2</u>	LOCATION <u>HAYS N TO BUCKENERS</u>		COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1E N IN</u>				

CONTRACTOR Royal #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 216

CASING SIZE 8 5/8 DEPTH 216

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 12 3/4

OWNER _____

CEMENT AMOUNT ORDERED 150 com 3 1/2

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>2.25</u>	<u>337.50</u>
MILEAGE	<u>110/50/mile</u>			<u>300.00</u>
TOTAL				<u>2980.75</u>

EQUIPMENT

PUMP TRUCK # 398 CEMENTER MARK HELPER PAUL

BULK TRUCK # 378 DRIVER STEVE

BULK TRUCK # _____ DRIVER _____

REMARKS:

CEMENT CORE

THANKS

CHARGE TO: Sandlin Oil

STREET 621 17th Street Suite 205

CITY Denver STATE KS ZIP 80297

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE			<u>991.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>8</u>	@	<u>7.00</u> <u>56.00</u>	
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1047.00</u>

PLUG & FLOAT EQUIPMENT

8 5/8 Wood @ _____

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TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE ~~1047.00~~ _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Doug Budig

Doug Budig
PRINTED NAME

ALLIED CEMENTING CO., LLC. 038403

10 P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>8-21-09</u>	SEC. <u>15</u>	TWP. <u>12</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>Karliv</u>	WELL # <u>2</u>	LOCATION <u>BLAYSON #E</u>			COUNTY <u>Ellis</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Express

TYPE OF JOB POPT collar

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 DEPTH

TUBING SIZE 2 3/8 DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Bill

417 HELPER Matt

BULK TRUCK

473 DRIVER Chris

BULK TRUCK

347 DRIVER DARRIN

REMARKS:

P.C. C 1996 Test 1000' OK
Open Tool pump 80 bbls of mud
good circ. cement w/ 425 lb cement
Displace 6 bbls, close tool
Test 280' * Ran 5 jts wash clean
pull tubing

CHARGE TO: Sandlin Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

KCC
pat staab

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Fred Barber

SIGNATURE Fred Barber

OWNER _____

CEMENT

AMOUNT ORDERED

425 lbs 69/40 6% Gel

1/2 # F10 2% CC

COMMON	<u>255</u>	@	<u>13.50</u>	<u>3442.50</u>
POZMIX	<u>170</u>	@	<u>7.55</u>	<u>1283.50</u>
GEL	<u>22</u>	@	<u>20.25</u>	<u>445.50</u>
CHLORIDE	<u>9</u>	@	<u>51.50</u>	<u>463.50</u>
ASC		@		
<u>Ft. Seal</u>	<u>16</u>	@	<u>2.45</u>	<u>39.20</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>212</u>	@	<u>2.25</u>	<u>477.00</u>
MILEAGE	<u>110/56/mile</u>			<u>300.00</u>
TOTAL				<u>6451.20</u>

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 991.00

EXTRA FOOTAGE @ _____

MILEAGE 8 @ 7.00 56.00

MANIFOLD @ _____

@ _____

@ _____

TOTAL 1047.00

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

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ALLIED CEMENTING CO., LLC. 038401

10 P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>8-19-09</u>	SEC. <u>15</u>	TWP. <u>12</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE <u>KARLIN</u>	WELL # <u>2</u>	LOCATION <u>HAYS SW 1/4 E</u>			COUNTY <u>ELLIS</u>	STATE <u>K</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR ROYAL

TYPE OF JOB Long Stairs

HOLE SIZE 7 1/2 T.D.

CASING SIZE 5 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 40'

PERFS.

DISPLACEMENT 9 1/2 bbls

EQUIPMENT

PUMP TRUCK CEMENTER Bill & Shamp

409 HELPER Randy

BULK TRUCK

B 712 DRIVER Alvin

BULK TRUCK

DRIVER

REMARKS:

2037
Pic at 45

pipe put c 3797

Shoe 42

Insert 3755

Cement w/ 110 lb Cem 10% salt 2% oil

pump plug w/ 15 bbls of water

Lead plug c 1300 PST

Flood did hold

15th MH

25th RA

CHARGE TO: Sandlin Oil Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

OWNER

CEMENT

AMOUNT ORDERED

150 lb Cem 10% Salt 2% Oil

500 gsi WFKV

COMMON	<u>150</u>	@ <u>13.50</u>	<u>2025.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE		@	
ASC		@	
<u>Salt</u>	<u>6</u>	@ <u>21.25</u>	<u>127.50</u>
		@	
		@	
<u>WFR-2</u>	<u>500</u>	@ <u>1.10</u>	<u>550.00</u>
		@	
		@	
		@	
HANDLING	<u>150</u>	@ <u>2.25</u>	<u>337.50</u>
MILEAGE	<u>10 1/2 hr/mile</u>		<u>300.00</u>
TOTAL			<u>3400.75</u>

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>8</u>	@ <u>7.00</u>	<u>56.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>2013.00</u>

PLUG & FLOAT EQUIPMENT

<u>5 - Centralizer - Blue</u>	@ <u>35.00</u>	<u>175.00</u>
<u>2 Baskets</u>	@ <u>161.00</u>	<u>322.00</u>
<u>1 - Insert</u>	@	<u>112.00</u>
<u>1 - Guide shoe</u>	@	<u>101.00</u>
<u>1 - SPON Collector</u>	@	<u>1750.00</u>
<u>SN 090563</u>		<u>42.00</u>
<u>plus</u>		
TOTAL		<u>2503.00</u>

SALES TAX (If Any) _____

TOTAL CHARGES [scribble]

DISCOUNT _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Fred Barber

SIGNATURE Fred Barber

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Herb Deines

Geologist

August 19, 2009

GEOLOGICAL REPORT

OPERATOR: Sandlin Oil Corporation

WELL: Karlin # 2

LOCATION: 920 FSL & 1400 FEL, Section 15-12s-18w

COUNTY: Ellis

CONTRACTOR: Royal Drilling, Inc. Rig # 1

COMMENCED: August 13, 2009

COMPLETED: August 19, 2009

ELEVATIONS: GL 2173', KB 2178

CASING PROGRAM: 8 5/8" surface pipe casing set to 216'. Cement did circulate to surface. 5 1/2" 15.5# production casing was set to 3795' and cemented with 100 sacks. Port Collar set in Florence Flints 50' below base of salt section near 2050'.

SAMPLES: 10" wet and dry samples were started at 3000' and ended at RTD.

DRILLING TIME: 1" Drilling time was begin at 3000' and ended at RTD.

ELECTRIC LOGS: Superior Well Services logged the well and produced a Dual Induction Log, Compensated Density Neutron Log, Sonic Log and a MicroLog.

FORMATION TESTING: Trilobite Testing - 1 (one) drill stem test.

MEASUREMENTS: All measurements were from KB elevation.

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<u>FORMATION</u>	<u>LOG DEPTH</u>	<u>SUB-SEA DATUM</u>
Anhydrite top	1428	+750
Anhydrite base	1472	+706
Topeka	3124	- 942
Heebner Shale	3376	- 1198
Toronto	3402	- 1224

108 W. 35th, Hays, KS 67601

Lansing-Kansas City	3424	- 1246
Simpson Shale	3680	-1502
Arbuckle	3690	- 1512
RTD	3800	-1622
LTD	3797	-1619

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA

TOPEKA

3340-3348 Off white to brown limestone, fine crystalline with granular, medium to coarse crystalline development. A trace of free oil with no odor was noted. Topeka shows on structural highs should be perforated and tested even if the shows appear insignificant and it looks wet. Good Topeka production is noted in eastern Ellis County and it is a zone that should be tested prior to abandonment of the well.

TORONTO
3402-3416

Cream colored limestone which was fine crystalline and chalky. There were no shows of oil or odor noted in the samples.

LANSING-KANSAS CITY

3424-3238 "A" Tan to cream limestone, fine crystalline, chalky in part with a few pieces with pinpoint vuggy porosity with a heavy oil show with no odor. The zone doesn't show any development on the microlog and is very likely non-commercial.

3508-3512 "G" Cream to tan to light brown limestone, fine crystalline with a trace of oil residue with no odor. Lack of any odor or free oil likely points to a depleted or non-commercial zone. Testing is optional.

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3563-3566 "H" Cream to brown limestone, fine crystalline with pinpoint vuggy porosity. Heavy oil stain with no free oil or odor. Likely a non-commercial zone which doesn't warrant testing.

3626-3630 "K" Cream to tan limestone, fine to very fine crystalline, chalky in part, with a poorly developed pinpoint vuggy porosity with dead oil residue, no free oil or odor. Likely a non-commercial zone which doesn't warrant testing.

The shows in the Topeka and Lansing-Kansas City were very minor with no free oil or odor noted. This well ran structurally low to area wells that were productive in Lansing-Kansas City. Absence of free oil or odor and lack of reservoir development in the show intervals further points to non-commercial potential in any of the zones.

ARBUCKLE

3692-3704

Tan to cream dolomite, fine crystalline with a mix of medium to coarse crystalline, rhombic crystal development. Fair to good odor with a show of free oil. DST # 1 was run with the following results:

DST # 1 3682-3706 (sample tops)

15-30-15-45

Rec: 45' GIP,

90' GW&MCO - 10%Gas, 55%Oil, 20%Water, 15%Mud

180'GW&MCO - 10%Gas, 45%Oil, 15%Water, 30%Mud

1625' M&OCW - 10% Oil, 85%Water, 5% Mud

120'MW

2015' of total fluid. Reversed out after 5 stands pulled.

ISIP: 1118#

FSIP: 1121#

FP: 351-649,681-893

1st open: Strong blow, bottom of bucket 30 sec. No blow back

2nd open: Strong blow, bottom of bucket 1 min. No blow back

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3706-3740

Tan dolomite, fine to medium crystalline with sucrosic and intercrystalline porosity. Samples maintain fair to good odor with good shows of free oil throughout interval. Given the fact that the area has an extensive productive history dating back to 1939 likely indicates that there was oil in place a one time but the oil has migrated to producing well bores over time leaving residual hydrocarbons. It is recommended that once the upper Arbuckle reaches its economic limit, that the interval from 3720' to 3724' be perforated and tested for economic potential. This well is favorably positioned and well developed to benefit from migration of hydrocarbons and should be tested to confirm this possibility.

RECOMMENDATION: Casing was ran to further test and develop this well. The Arbuckle is the primary productive zone in the area and should be tested for productive potential. DST # 1 indicated the presence of an excellent reservoir with hydrocarbon trapping. I would recommend perforating top of reservoir to maximize oil recovery. Many of the Arbuckle wells across the road to the south reported oil and water in the initial potentials and yet produced substantial quantities of hydrocarbons over the years.

Respectfully submitted,



Herb Deines
Solutions Consulting

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