

12/23/078  
Form ACO-1  
September 1999  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

CONFIDENTIAL

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 3842

Name: LARSON OPERATING COMPANY  
A DIVISION OF LARSON ENGINEERING, INC.

Address: 562 WEST STATE ROAD 4

City/State/Zip: OLMITZ, KS 67564-8561

Purchaser: \_\_\_\_\_

Operator Contact Person: TOM LARSON

Phone: (620) 653-7368

Contractor: Name: SOUTHWIND DRILLING, INC.

License: 33350

Wellsite Geologist: BOB LEWELLYN

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp Abd.

Gas  ENHR  SIGW

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./SWD

Plug Back  Plug Back Total Depth

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

8/29/2006 9/8/2006 9/10/2006

Spud Date or 8/29/2006 Date Reached TD 9/8/2006 Completion Date or 9/10/2006 Recompletion Date

API No. 15 - 101-21947-0000

County: LANE

Sec. 17 Twp. 18 S. R. 30  East  West

1900 feet from North Line of Section

1700 feet from East Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: SHARP SEED Well #: 1-17

Field Name: WILDCAT

Producing Formation: D&A

Elevation: Ground: 2887' Kelly Bushing: 2897'

Total Depth: 4620' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 262 Feet

Multiple State 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 Att II NJ 9-10-09  
(Data must be collected from the Reserve Pit)

Chloride content 17,200 ppm Fluid volume 415 bbls

Dewatering method used ALLOWED TO DRY

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: RECEIVED

Lease Name: KANSAS CORPORATION COMMISSION No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. DEC 28 2006 Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

CONSERVATION DIVISION  
WICHITA, KS

**INSTRUCTIONS:** An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South 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 on 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: Thomas C. Larson

Title: PRESIDENT Date: 12-23-06

Subscribed and sworn to before me this 23RD day of DECEMBER

2006  
Notary Public: Carol S. Larson

Date Commission Expires: JUNE 25, 2009

**CAROL S. LARSON**  
Notary Public - State of Kansas  
My Appt. Expires 6-25-2009

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: LARSON OPERATING COMPANY  
A DIVISION OF LARSON ENGINEERING, INC. Lease Name: SHARP SEED Well #: 1-17  
 Sec. 17 Twp. 18 S. R. 30  East  West County: LANE

**INSTRUCTIONS:** Show important tops and base of formation penetrated. Detail all cores. Report all final copes of drill stem 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 geologist well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Sample Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	ANHYDRITE	2244	+653
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	B ANHYDRITE	2263	+634
List All E. Logs Run:	DUAL INDUCTION		HEEBNER	3910	-1013
	NEUTRON DENSITY		LANSING	3949	-1052
	SONIC LOG		STARK SH	4230	-1333
	MICRO LOG		PAWNEE	4432	-1535
			FT SCOTT	4478	-1581
			CHEROKEE SH	4500	-1603
			MISS	4564	-1667
			LTD	4620	-1723

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CASING RECORD <input type="checkbox"/> New <input checked="" 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	24	262	CLASS A	170	2% GEL 3% CC

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

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Shots per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement, Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

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**WICHITA, KS**

TUBING RECORD		Size	Set At	Packer At	Liner Run		
					<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease  
 If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

24861

Federal Tax I

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
OAKLEY

DATE <u>8-29-06</u>	SEC <u>17</u>	TWP <u>18S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>5:30 AM</u>	JOB START <u>7:15 PM</u>	JOB FINISH <u>7:45 PM</u>
LEASE <u>SHARP seed</u>	WELL # <u>1-17</u>	LOCATION <u>AMY 2 1/2 W - 1/2 N - W + N F106</u>			COUNTY <u>LANE</u>	STATE <u>KS</u>	

OLD OR  NEW (Circle one),

CONTRACTOR Southwind DRUG. RFL #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4' T.D. 265'

CASING SIZE 8 5/8" DEPTH 264'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 16 BBL.

OWNER SAME

CEMENT AMOUNT ORDERED 170 SKS COM 38CC 28GEL

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

# 191 HELPER WAYNE

BULK TRUCK DRIVER REX

# 218

BULK TRUCK DRIVER

#

COMMON 170 SKS @ 12.20 2074.00

POZMIX @

GEL 3 SKS @ 16.65 49.95

CHLORIDE 6 SKS @ 46.65 279.90

ASC @

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CONSERVATION DIVISION @

WICHITA, KS @

HANDLING 179 SKS @ 1.90 340.10

MILEAGE 94 PER SK / MILE 966.60

TOTAL 3710.25

REMARKS:

CEMENT did CIRC.

THANK YOU

CHARGE TO: LARSON OPERATING

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB 264'

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @

MILEAGE 60 MI @ 6.00 360.00

MANIFOLD HEAD RENTAL @ 100.00

TOTAL 1275.00

PLUG & FLOAT EQUIPMENT

8 5/8 SURFACE PLUG 60.00

@

@

@

@

TOTAL 60.00

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

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Doug Roberts

Doug Roberts  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 24784

Federal Tax I.D. \_\_\_\_\_

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

DEC 23 2006

SERVICE POINT:

**CONFIDENTIAL**

*Ness City*

DATE <u>9.10.06</u>	SEC. <u>17</u>	TWP. <u>18</u>	RANGE <u>30</u>	CALLED OUT <u>3:00 AM</u>	ON LOCATION <u>6:45 AM</u>	JOB START <u>7:30 AM</u>	JOB FINISH <u>11:15 AM</u>
LEASE <u>Sharp road</u>		WELL # <u>1-17</u>	LOCATION <u>Amy 1 1/2 west 1/2 N</u>		COUNTY <u>Lane</u>	STATE <u>Kansas</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR Southwind

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4621'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 XH DEPTH 2270'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Larson Operating Company

CEMENT AMOUNT ORDERED 265 AX 60/40 6% gel  
1/4" flo seal per ax

COMMON	<u>159 AX</u>	@	<u>10.65</u>	<u>1693.35</u>
POZMIX	<u>106 AX</u>	@	<u>5.80</u>	<u>614.80</u>
GEL	<u>14 AX</u>	@	<u>16.65</u>	<u>233.10</u>
CHLORIDE		@		
ASC		@		
FLO-SEAL	<u>66 #</u>	@	<u>2.00</u>	<u>132.00</u>
<b>RECEIVED</b>				
KANSAS CORPORATION COMMISSION				
DEC 28 2006				
CONSERVATION DIVISION				
WICHITA, KS				
HANDLING	<u>281 AX</u>	@	<u>1.90</u>	<u>533.90</u>
MILEAGE	<u>281 AX 09</u>	@	<u>60</u>	<u>1517.40</u>
				TOTAL <u>4724.55</u>

**EQUIPMENT**

NESS

PUMP TRUCK CEMENTER J. D. Druehling

# 224 HELPER Brandon R.

BULK TRUCK

# 341 DRIVER Kevin Davis

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

1<sup>st</sup> 2270' - 50 AX

2<sup>nd</sup> 1450' - 80 AX

3<sup>rd</sup> 750' - 40 AX

4<sup>th</sup> 280' - 50 AX

60' - 20 AX

10 AX in mousehole

15 AX in rathole.

CHARGE TO Larson Operating Company

STREET 562 West Highway 4

CITY Olmitz STATE Kansas ZIP 67564-8561

**SERVICE**

DEPTH OF JOB 2270'

PUMP TRUCK CHARGE \_\_\_\_\_ 955.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 60 @ 6.00 360.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

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 \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE X Doug Roberts PRINTED NAME X Doug Roberts

*Thank you!*

**Robert C. Lewellyn**

*Consulting Petroleum Geologist*

**KCC**

**DEC 23 2006**

**CONFIDENTIAL**

P. O. Box 609  
Kechi, KS 67067-0609  
Office 316-744-2567  
Cell 316-518-0495  
Fax 209-396-2988  
*boblewellyn@yahoo.com*

**GEOLOGICAL REPORT**

**Larson Operating Company**  
Sharp Seed No. 1-17  
1900 FNL & 1700 FEL Sec. 17-18S-30W  
Lane County, Kansas

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**DEC 28 2006**  
CONSERVATION DIVISION  
WICHITA, KS

**CONTRACTOR:** Southwind Drilling Company Rig #1

**SPUDED:** August 29, 2006

**DRILLING COMPLETED:** September 11, 2006

**SURFACE CASING:** 8 5/8" @ 262 KBM/170 sx.

**ELECTRIC LOGS:** Log-Tech DIL MEL CDN BHCS

**ELEVATIONS:** 2897 KB 2887 GL

**FORMATION TOPS:** (Electric Log)

Anyhdrite	2244 (+0653)
Base Anhydrite	2263 (+0634)
Heebner Shale	3910 (-1013)
Lansing-Kansas City Group	3949 (-1052)
Muncie Creek Shale	4132 (-1235)
Stark Shale	4230 (-1333)
Hushpuckney Shale	4266 (-1369)
Base Kansas City	4308 (-1411)
Marmaton	4340 (-1443)
Altamont	4360 (-1463)
Pawnee	4432 (-1535)
Fort Scott	4478 (-1581)
Cherokee	4500 (-1603)
Mississippian	4564 (-1667)
Log Total Depth	4620 (-1723)

Samples were examined microscopically from 3900 feet to Rotary Total Depth. Samples were examined wet and dry and samples from potentially productive zones were viewed under a fluoroscope and checked for oil cut. Following is a description of zones of interest, oil and gas shows, drill stem tests, etc. For a complete lithologic description of all zones refer to the sample log in the back pages of this report.

Lansing-Kansas City Zones:

3952-3956 (A Zone)

Limestone, buff to tan, dense to finely crystalline, some oolitic and dense-oolitic, slightly fossiliferous, poor intercrystalline porosity, no show of oil.

3986-3998 (B Zone)

Limestone, cream to buff, finely crystalline with some chalky, some dense, slightly fossiliferous and oolitic, trace of poor interfossil and intercrystalline porosity, no show of oil.

4000-4034 (C Zone)

Limestone, buff to tan, dense to finely crystalline, scattered poor intercrystalline and vugular porosity, trace of dead stain, no live oil shows present in section. Lower portion of this zone is mostly tight.

4036-4041 (D Zone)

Limestone, buff to tan, dense, trace of finely crystalline, zone is mostly tight with no shows of oil.

4043-4051 (E Zone)

Limestone, buff, dense to finely crystalline, slightly fossiliferous trace of poor intercrystalline and interfossil porosity, no show of oil.

4055-4069 (F Zone)

Limestone, buff to tan, fossiliferous and slightly oolitic, fair interfossil and interoolitic porosity with a trace of intercrystalline porosity, no show of oil.

4072-4078 (G Zone)

Limestone, limestone, buff, oolitic, fair to good ooliticastic porosity, no show of oil.

4106-4118 (G2 Zone)

Limestone, buff, finely crystalline and oolitic, poor to fair intercrystalline and interoolitic porosity, poor spotted stain with very slight show of free oil, faint fleeting odor, poor fluorescence, fair cut.

Drill Stem Test No. 1 4120-4146

Note: At 1257 the driller made a connection and forgot to kick his geolograph out. The geolograph ticked off exactly 32 feet (the approximate length of a joint of drill pipe) while the driller was making the connection. Instead of correcting the geolograph depth and removing the undrilled 32 feet, the driller compounded the mistake by simply adding another joint of drill pipe to the tally board. Thus, both the geolograph and the pipe tally indicated that our depths were 32 feet deeper than we actually were. Because of the erroneous depth, it appeared we were circulating the Lansing-Kansas City "H" zone and, because it had a small show, we proceeded to drill stem test the zone. The G2 zone often carries small shows throughout the area but does not produce in the immediate vicinity. A pipe strap, totaled after we got on bottom with the test, uncovered the mistake and revealed that our depth was 4114 instead of 4146. Following is the test over the G2 zone with the corrected depths:

Drill Stem Test No. 1 4088-4114

Open 15 minutes, shut in 30 minutes, open 45 minutes, shut in 90 minutes; first flow, blow off bottom of bucket in 35 seconds, no blowback; second flow, blow off bottom of bucket in 1 1/2 minutes, no blowback; recovered 122 feet of mud cut water and 2234 feet of water. ISIP 1088# FSIP 1088# IFP 115-533# FFP 559-1068# IHP 2011# FHP 1959# BHT 127 degrees.

4144-4146 (H Zone)

Limestone, cream to buff, finely crystalline with trace of medium crystalline, partly fossiliferous and oolitic, with fair intercrystalline, interoolitic, and interfossil porosity, fair spotted stain, fair to good show of free oil, fair to good odor, fair fluorescence, fair cut.

Drill Stem Test No. 2 4133-4154

Open 15 minutes, shut in 30 minutes, open 30 minutes, shut in 60 minutes; first flow, weak blow for 30 seconds, no blowback; second flow, no blow; recovered three feet of slightly oil cut mud with show of oil in tool. ISIP 559# FSIP 670# IFP 16-18# FFP 18-18# IHP 2028# FHP 1980# BHT 115 degrees.

4134-4207 (I Zone)

Limestone, cream to buff, dense to finely crystalline with brown dense-oolitic limestone, considerable chalky, scattered poor intercrystalline porosity, trace of poor ooliticastic porosity, no show of oil

4209-4230 (J Zone)

Limestone, buff to tan, dense to finely crystalline, zone is mostly tight with scattered traces of dead stain, no live oil shows were present.

4237-4241 (K Zone)

Limestone, buff to tan, dense to finely crystalline, some brown dense, scattered poor to fair intercrystalline porosity, very slight show of free oil, faint odor, poor spotted stain, no fluorescence, poor cut. Lower portion has scattered poor vugular porosity with no show of oil.

4270-4279 (L Zone)

Limestone, buff to tan, dense to finely crystalline, partly fossiliferous, very poor intercrystalline and scattered vugular porosity, fair odor, very slight show of free oil, few pieces with poor spotted stain, no fluorescence, no cut.

Drill Stem Test No. 4 (straddle) 4272-4318

Open 15 minutes, shut in 30 minutes, open 30 minutes, shut in 60 minutes; first flow, surface blow built to  $\frac{3}{4}$ "", no blowback, second flow, surface blow after 6 minutes, died at 6  $\frac{1}{2}$  minutes; recovered 10 feet of drilling mud; ISIP 566# FSIP 723# IFP 37-38# FFP 38-38# IHP 2098 FHP 2065# BHT 121 degrees.

Pleasanton Zones:

4308-4340

Limestone, buff to tan, dense to finely crystalline, zone has poor intercrystalline porosity, good odor, very slight show of free oil, trace of poor spotted stain, no fluorescence, no cut, considerable cream|chalky and dense limestone.

Marmaton Zones:

4340-4347

Limestone, buff to tan, dense to finely crystalline, slightly fossiliferous, mostly tight, trace of light stain in two or three pieces, no free oil, no odor, no fluorescence, no cut.

Altamont Zones:

4360-4368



Limestone, buff to tan to gray, dense, some oolitic with dense-oolitic, zone is mostly tight, no show of oil.

4377-4386

Limestone, buff, dense to finely crystalline, slightly fossiliferous, trace of oolitic, broken thin zones of poor to fair interoolitic, intercrystalline, and interfossil porosity, fair show of free oil, fair odor, fair spotted stain, trace of fluorescence, fair cut.

Drill Stem Test No. 3 4330-4405

Open 15 minutes, shut in 30 minutes, open 30 minutes, shut in 60 minutes; first flow, weak blow, died in 14 minutes, no blowback, second flow no blow; recovered five feet of mud with spots of oil. ISIP 91# FSIP 79# IFP 19-20# FFP 19-20# IHP 2144# FHP 2122# BHT 118 degrees. Slight plugging action on second flow.

Pawnee Zones:

4432-4474

The Pawnee and Myrick Station intervals consisted of limestones, tan, dense, with cream chalky limestones. The Myrick Station contained scattered traces of stain with a very slight show of free oil, no odor, no fluorescence and no cut. The zone was tight and merits no further consideration.

Fort Scott Zones:

4478-4500

Limestone, tan, some brown, dense to finely crystalline and oolitic with dense-oolitic, scattered poor intercrystalline and interoolitic porosity, very slight show of free oil, faint, questionable odor, few pieces with poor spotted stain, no fluorescence, no cut. Zone is tight and merits no further consideration.

Cherokee Zones:

4539-4557 (Johnson)

Limestone, tan to dark brown, dense, some finely crystalline, zone is mostly tight with traces of poor spotted stain in a few tight pieces, no free oil, no odor, no fluorescence, no cut, no visible porosity. Zone warrants no further consideration.

Mississippian Zones:

4564-4620

Limestone, cream, some buff, fine to medium crystalline, chalky, glauconitic, mostly tight with trace of scattered poor intercrystalline porosity, no show of oil. Scattered traces of loose individual sand grains occur near top of section. Limestone changes with depth to brown and cream oolitic lime with dark oolites, along with cream to buff chalky limestone, no visible porosity, no shows of oil.

Rotary Total Depth                      4620

Conclusions and Recommendations:

Careful analysis of sample shows, drill stem test results, and analysis of electric logs indicated that there were no zones of possible commercial production in the No 1-17 Sharp Seed. It was recommended and permission granted for the No. 1-17 Sharp Seed to be plugged and abandoned.

Respectfully submitted,

Robert C. Lewellyn  
Petroleum Geologist

RCL:me







