



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., 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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that 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.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1153785

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input 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 type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6616

Date	4-23-13	Sec.	7	Twp.	23	Range	11	County	Stafford	State	Ks	On Location		Finish	2:45 pm
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Lease **FSI** Well No. **6** Location **Stafford, Ks Ike + Jo's, 7S to 70st**

Contractor **Southwind** #4 Owner **IE 3/4 N, E/S**  
Type Job **Production** To Quality Oilwell Cementing, Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size **7 7/8"** T.D. **4000'** Charge To **Pauley oil**

Csg. **5 1/2" New 14#** Depth **3816'** Street

Tbg. Size Depth City State

Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. **42.44'** Shoe Joint **42.44'** Cement Amount Ordered **185 5x Common 10% Salt**

Meas Line Displace **92 BLS** **5# Gilsonite - 500 gal mud Clear 48**

**EQUIPMENT**

Pumptrk	15	No.	Cementor	
			Helper	<b>Nick</b>
Bulktrk	8	No.	Driver	<b>Billy</b>
			Driver	<b>Rick</b>
Bulktrk	p.u.	No.	Driver	

Common	<b>185</b>
Poz. Mix	
Gel.	
Calcium	

**JOB SERVICES & REMARKS**

Remarks:  
Rat Hole **30 5x**  
Mouse Hole **NIA**  
Centralizers **1,3,5,7,9,11,13,15,17,19,21,23,25,27**  
Baskets **4,7**  
D/V or Port Collar **pipe on bottom, break**  
**Circulation, pump 500 gal mud**  
**Clear 48, plug bathole w/ 30 5x**  
**Hook to 5" Casing + Mix 155 5x**  
**Cement. shut down, wash pump +**  
**lines, Released plug Displaced with**  
**92 BLS of water Released + held.**


Hulls	
Salt	<b>16</b>
Flowseal	
Kol-Seal	<b>900#</b>
Mud CLR 48	<b>500 gal</b>
CFL-117 or CD110 CAF	
Sand	
Handling	<b>210</b>
Mileage	

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	<b>14 turbo's</b>
Baskets	<b>2</b>
AFU Inserts	
Float Shoe	<b>1</b>
Latch Down	<b>1</b>

**Left pressure 900 #**  
**Land plug to 1600 #**

Pumptrk Charge **prod long string**  
Mileage **33**

X Signature 

Tax	
Discount	
Total Charge	

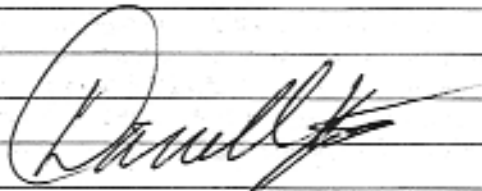
# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6614

Date	4-18-13	Sec.	7	Twp.	23	Range	11	County	Stafford	State	Ks	On Location		Finish	2:15 PM	
Lease	FSI							Location	Ike + Jos - 7S, 1E, 3/4 N, E1S							
Contractor	Southwind	Well No.	6	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Type Job	Surface	#	4	Charge To	Pawley oil											
Hole Size	12 1/4"	T.D.	564'	Street												
Csg.	8 5/8"	Depth	564'	City	State											
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.												
Tool		Depth		Cement Left in Cag.	30'	Shoe Joint	30'	Cement Amount Ordered	450 sx Common 3%CC							
Meas Line		Displace	34 BLS	2% Gel 1/2 flowseal per sk												
EQUIPMENT				Common												
Pumptrk	15	No.		Cementer	Nick											
				Helper												
Bulktrk	12	No.		Driver	Lonnice M.											
				Driver												
Bulktrk	p.u.	No.		Driver	Rick											
				Driver												
JOB SERVICES & REMARKS				Hulls												
Remarks	Cement did Circulate															
Rat Hole												Salt				
Mouse Hole												Flowseal	112#			
Centralizers												Kol-Seal				
Baskets												Mud CLR 48				
D/V or Port Collar												CFL-117 or CD110 CAF 38				
												Sand				
												Handling	425			
												Mileage				
				FLOAT EQUIPMENT												
												Guide Shoe				
												Centralizer				
												Baskets	2			
												AFU Inserts				
												Float Shoe				
												Latch Down				
												Pumptrk Charge	Long Surface			
												Mileage	33			
Signature 												Tax				
												Discount				
												Total Charge				



# Musgrove

**PETROLEUM  
CORPORATION**  
GREAT BEND, KANSAS

COMPANY: Pauley Oil

LEASE: FSI # 6

FIELD: Brock

LOCATION: SE-NW-SW-NW (1851' FNL & 455' FWL)

SEC: 7 TWSP: 23s RGE: 11w

COUNTY: Stafford STATE: Kansas

KB: 1834 GL: 1827

API # 15-185-23803-00-00

CONTRACTOR: Southwind Drilling Company (Rig # 4)

Spud: 04-17-2013 Comp: 04-23-2013

RTD: 4000 LTD: 3993

Mud Up: 2400 Type Mud: Chemical was displaced

Samples Saved From: 2900' to RTD

Drilling Time Kept From: 2900' to RTD

Samples Examined From: 2900' to RTD

Geological Supervision From: 3000' to RTD

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @ 564'

Production Casing: 5 1/2" Set and Cemented

Electronic Surveys: By Pioneer Energy Services CNL/CDL, MEL, DIL

NOTES

On the basis of the structural position, reviewing the electric logs and sample shows it was recommended by all parties involved in the FSI #6 to set 3 1/2" production casing to further test the Arbuckle and Lansing zones with intentions of making a shallow disposal well if the zones are non-productive.

# Pauley Oil well comparison sheet

WELLING WELL FSD #3 SE 1/4 26-23e-12w					COMPARISON WELL FSD #4 SE 1/4 8-23e-12w				COMPARISON WELL FSD #5 SE 1/4 17-23e-12w			
1834 KB					1825 KB		Structural Relationship		1835 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Hochner	3141	-1307	3136	-1302	3126	-1301	-6	-1	3128	-1293	-14	-9
Toronto	3160	-1326	3152	-1318	3144	-1319	-7	1	3146	-1311	-15	-7
Douglas	3178	-1344	3168	-1334					3162	-1327	-17	-7
Brown Lime	3283	-1449	3276	-1442					3270	-1435	-14	-7
Lansing	3307	-1473	3300	-1466	3295	-1470	-3	4	3296	-1461	-12	-5
Base KC	3566	-1732	3553	-1719	3545	-1720	-12	1				
Viola	3595	-1761	3584	-1750	3582	-1757	-4	7	3592	-1757	-4	7
Simpson Shale	3639	-1805	3632	-1798	3610	-1785	-20	-13	3624	-1789	-16	-9
Arbuckle	3692	-1858	3684	-1850	3664	-1839	-19	-11	3676	-1841	-17	-9
Total Depth	4000	-2166	3993	-2159	3852	-2027			3800	-1965		

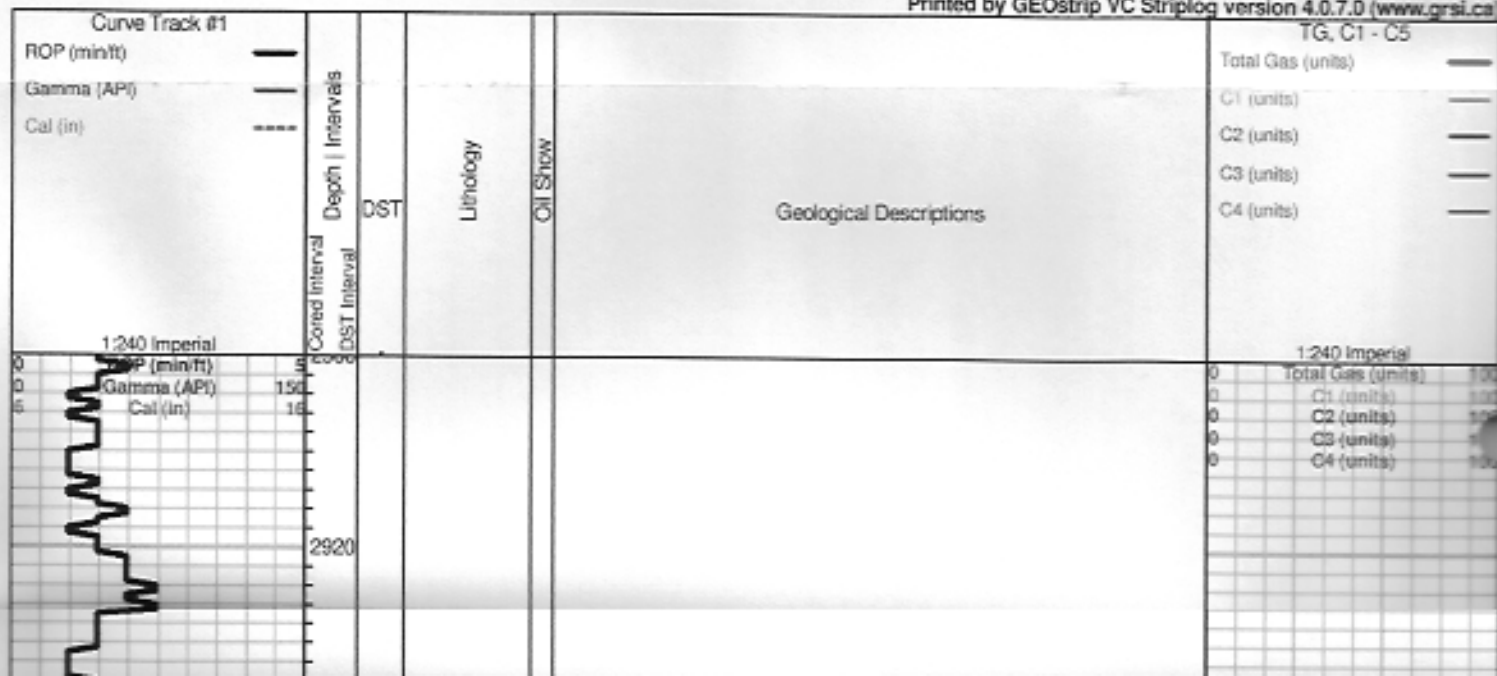
ROCK TYPES

Cht	Dolsec	shale, gn	Carbon Sh
Cong	Lmst fw/7>	shale, gry	Ss

OTHER SYMBOLS

- DST
- DST Int
  - DST alt
  - Core
  - tail pipe

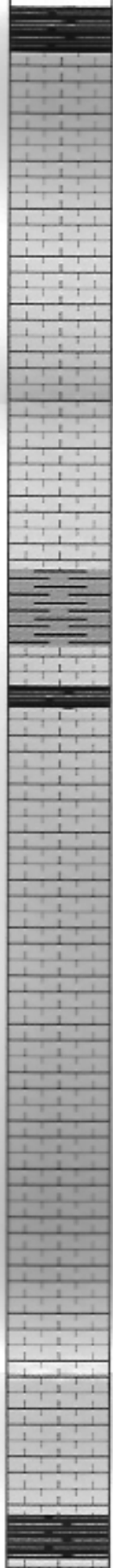
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2940  
2960  
2980  
3000  
3020  
3040  
3060  
3080  
3100  
3120  
3140

ROP (min/ft) 5  
Gamma (API) 150  
CST (in) 16



black carboniferous shale

Limestone; cream-lt. grey, fine-medium xln, fossiliferous in part, granular, chalky, no shows

Limestone; as above

grey-black shale

trace black carboniferous shale

Limestone; cream-lt. grey-buff, highly oolitic/foissiliferous, granular in part, fair-good fossil cast-oolicastic type porosity, no shows

Limestone as above

Limestone; tan-cream-buff, highly fossiliferous, dense in part, poorly developed porosity, plus white chalk

Limestone; tan-cream, fine xln, dense, slightly fossiliferous poor visible porosity, no shows

Limestone; as above, trace Chert, grey, boney

**HEEBNER 3141 (-1307)**

black carboniferous shale

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

black carboniferous shale

plus grey-green shale

**TORONTO 3160 (-1326)**

Limestone; cream-tan, fossiliferous in part, chalky, few pin point type porosity, no shows

**DOUGLAS 3178 (-1344)**

Shale; grey-greyish green-maroon, micaceous in part, few silty pieces

Shale; grey-greyish green, micaceous in part, few silty pieces

Shale as above

Shale; grey-dark grey, micaceous, silty

as above

**BROWN LIME 3283 (-1449)**

Limestone; buff-tan, fine xln, dense, slightly fossiliferous, cherty in part

grey-dark grey Shale

**LANSING 3307 (-1473)**

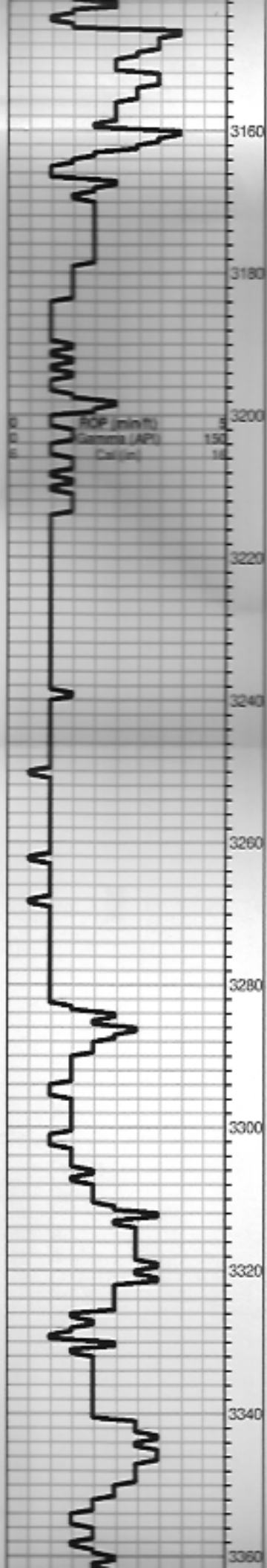
Limestone; grey-cream, fine xln, chalky in part, dense, inter xln-vuggy porosity, trace golden brown-grey stain, lt. SFO, faint-fair odor

Limestone; white-cream, highly oolitic, chalky in part, poor-no visible porosity, no shows

Chert; oolitic boney

grey-dark grey Shale

Limestone; cream-buff, highly oolitic in part, poorly developed porosity, trace black stain



0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Limestone; cream-buff, highly oolitic in part, poorly developed porosity, trace black stain, NSFO, faint odor

Limestone as above

grey-maroon-green shale

Limestone; cream-grey, fine xln, chalky, dense, slightly fossiliferous, plus white chalk, no shows

Limestone; as above

Limestone; tan-buff-grey, fine-medium xln, oolitic in part, dense, no shows

Limestone; as above plus grey, oolitic Chert

Limestone; cream-lt. grey, sub oomoldic, chalky, fair-good oomoldic porosity, (barren)

grey-maroon-green shale

Limestone; cream-lt. grey, fine xln, dense, boney, chalky in part, poor visible porosity, no shows

plus grey boney Chert

Limestone; white, fine xln, chalky, black "dead oil" staining, NSFO, no odor

grey-dark grey Shale

Limestone; cream-buff, fine xln, chalky in part, few scattered porosity, questionable trace brown stain, NSFO, no odor

Limestone; as above no shows

black carboniferous shale

Limestone; cream, fine xln, oolitic, fair porosity, brown stain, SFO, fair odor

**BASE KANSAS CITY 3566 (-1732)**

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	1
0	C4 (units)	1

**CONGLOMERATE**

Limestone; cream-grey, fine xln, dense, chalky, plus variety colors of shale

**VIOLA 3595 (-1761)**

Chert; cream-grey-buff, semi tripolitic, weathered in part, good vuggy type porosity, brown stain, SFO, good "gassy" odor

Chert as above

Chert; white-cream, boney, black edge staining, trace free oil, fair odor

**SIMPSON SHALE 3639 (-1805)**

Shale; grey-green, soft, waxey in part

Sand; greyish green, very fine grained, sub angular, sub rounded, friable, dolomitic in part, trace brown stain, questionable SFO, faint odor

Shale; grey-greyish green, soft, silty

**ARBUCKLE 3692 (-1858)**

Dolomite; cream-lt. grey, fine-medium xln, sucrosic in part, dense, few scattered inter xln-vuggy porosity, brown-grey stain, SFO/SAT, good-strong odor

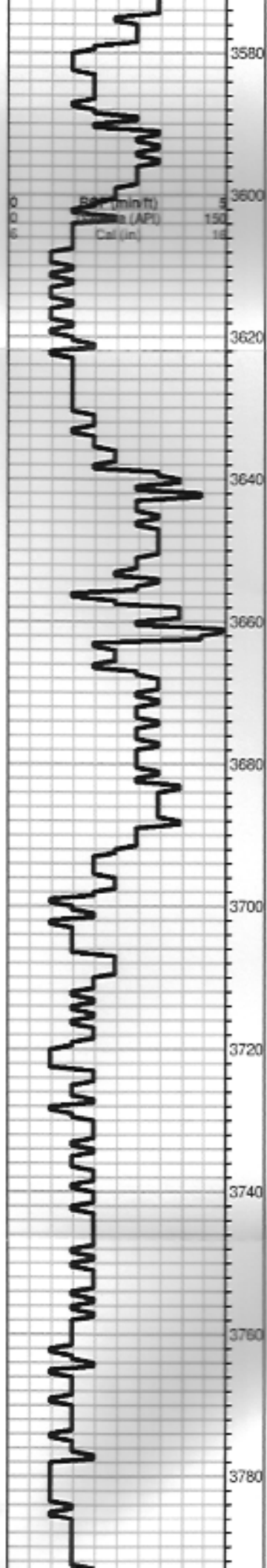
Dolomite; cream-buff, fine-medium xln, sucrosic, scattered inter xln porosity, brown-dark brown stain, SFO/SAT, good odor

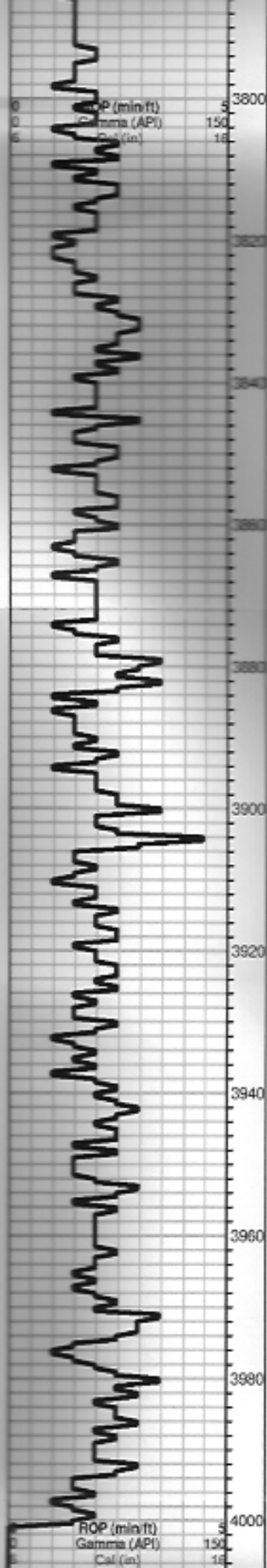
Dolomite; cream, fine-medium xln, sucrosic in part, dense, few inter xln-vuggy porosity, black-grey stain, SFO/SAT in part, fair-good odor plus white boney Chert

Dolomite; cream-tan-buff, fine xln, sucrosic in part, few inter xln porosity, black stain, trace free oil, fair-good odor, plus boney white-cream, Chert

Dolomite as above

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100





Dolomite; cream-pink-buff, fine xln, sucrosic in part, poorly developed porosity, trace black stain, NSFO, faint-fair odor, plus boney white, Chert

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100

Dolomite; cream-pink, fine-medium xln, dense, poorly developed porosity, no shows, very faint odor, Chert as above

Dolomite; lt. grey-buff, fine xln, slightly sucrosic, dense, fair inter xln porosity, no shows, plus white-lt grey Chert

Dolomite; cream-lt. grey-tan, fine-medium xln, dense, fair inter xln porosity, no shows, Chert as above

Dolomite; lt. grey-buff, fine xln, slightly sucrosic, dense, scattered inter xln-finely vuggy type porosity, no shows, trace white-grey, boney Chert

Dolomite; buff, fine xln, dense, poor porosity, no shows

Dolomite as above

Dolomite; tan-cream, fine xln, dense, few scattered inter xln porosity, no shows, plus Chert; tan-cream-white, boney

As above

Dolomite; buff-cream-grey, fine xln, dense, inter xln porosity, no shows, Chert; cream-white, boney

Rotary Total Depth 4000 (-2166)

Total Gas (units)	100
C1 (units)	100
C2 (units)	100