



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1205731  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

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

1205731

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Venture Resources, Inc.
Well Name	Hahn 5
Doc ID	1205731

All Electric Logs Run

Dual Induction Log
Microresistivity Log
Gamma Ray/Caliper Log
Dual Compensated Porosity Log





CHARGE TO: Venture  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET 25438  
 WOLF 1100

PAGE 1 OF 2

SERVICE LOCATIONS

1. <u>Hays ks</u>	WELL/PROJECT NO. <u>5</u>	LEASE <u>Hahn</u>	COUNTY/PARISH <u>Rooks</u>	STATE <u>ks</u>	CITY _____	DATE <u>4-3-14</u>	OWNER _____
2. <u>Miss Gen B</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	CONTRACTOR _____	RIG NAME/NO. _____	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Location</u>	ORDER NO. _____	
3. _____	WELL TYPE <u>D-1</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>5 1/2 long string</u>	WELL PERMIT NO. _____	WELL LOCATION <u>Sec 31, Twp 10S, R 17W</u>		
4. _____	INVOICE INSTRUCTIONS _____						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>575</u>		<u>1</u>			MILEAGE <u>4112</u>	<u>20</u>	<u>mi</u>			<u>6.00</u>	<u>120.00</u>
<u>579</u>		<u>1</u>			<u>Pump Charge</u>	<u>1</u>	<u>ea</u>			<u>2000.00</u>	<u>2000.00</u>
<u>221</u>		<u>1</u>			<u>Log and Kill</u>	<u>2</u>	<u>gal</u>			<u>25.00</u>	<u>50.00</u>
<u>281</u>		<u>1</u>			<u>Mud Flush</u>	<u>500</u>	<u>gal</u>			<u>1.25</u>	<u>625.00</u>
<u>290</u>		<u>1</u>			<u>D-A-T</u>	<u>4</u>	<u>gal</u>			<u>42.00</u>	<u>168.00</u>
<u>402</u>		<u>1</u>			<u>Centralizers</u>	<u>7</u>	<u>ea</u>		<u>5 1/2"</u>	<u>70.00</u>	<u>490.00</u>
<u>403</u>		<u>1</u>			<u>Cement Basket</u>	<u>2</u>	<u>ea</u>			<u>300.00</u>	<u>600.00</u>
<u>405</u>		<u>1</u>			<u>Formation Packer Shoe</u>	<u>1</u>	<u>ea</u>			<u>1650.00</u>	<u>1650.00</u>
<u>406</u>		<u>1</u>			<u>Latch Down Plug + Seal Pipe</u>	<u>1</u>	<u>ea</u>			<u>275.00</u>	<u>275.00</u>

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 4-3-14 TIME SIGNED 0600

A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<u>92</u>	
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					
<u>Subtotal</u>				<u>15,626.00</u>	
<u>Rooks TAX 6.15%</u>				<u>707.74</u>	
<b>TOTAL</b>					<b><u>16,333.74</u></b>

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Ad P APPROVAL \_\_\_\_\_

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 25438

CUSTOMER Venture

WELL Hahn S

DATE 4-3-14

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
330		2				Swift Multi Density	400	sls			18.50	7400.00	
276		2				Procele	100	lbs			2.50	250.00	
581		2				SERVICE CHARGE					2.00	800.00	
583		2				MILEAGE CHARGE					1.00	1198.00	
							TOTAL WEIGHT	39940					
							LOADED MILES	60					
							CUBIC FEET	400					
							TON MILES	1198					
CONTINUATION TOTAL												9648.00	

**JOB LOG**

**SWIFT Services, Inc.**

DATE 3-3-14 PAGE NO.

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Venture		5		Hahn		5 1/2 long string		25438	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0600								04 location
									TO 3630 SJ 42
									TP 3631 Insert 3589
									Centralizers 1, 3, 5, 7, 9, 11, 13
									Basket 2.12
									5 1/2" x 14ft
	0815								Start Pipe
	1000								Break circulation
	1030								Drop Ball Set Packer Shoe
	1045		7						Plug AH 30 s/s
	1050	5	12		✓		300		Start Mud Flush
		5	20		✓		300		Start KCL Flush
		5	55		✓		300		Start Cement 100 s/s @ 11.2 <sup>lb</sup> /gal
		5	47		✓		200		100 s/s @ 11.8 <sup>lb</sup> /gal
		5	34		✓		200		100 s/s @ 13 <sup>lb</sup> /gal
		5	20		✓		200		70 s/s @ 14 <sup>lb</sup> /gal
	1140								Drop Plug
									wash out Pump + lines
	1145	6			✓		300		Start Displacement
		6	77		✓		800		Circulate Cement
	1200	6	87.5		✓		100 / 1500		Land Plug
									Release Dry
									wash up Back up
	1245								Job Complete
									Thank You
									Sosh, Brian, Jarrod

# M. Bradford Rine

Consulting Geologist, Licensed and Certified

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Hahn #5 - Venture Resources, Inc.  
Location: NE-SW-NW-SE, Section 31-10S-17W  
License Number: API: 15-163-24195-00-00  
Spud Date: March 26, 2014  
Surface Coordinates: 1800' FSL & 1988' FEL,  
of Section  
Bottom Hole Vertical Wellbore  
Coordinates:  
Ground Elevation (ft): 2068 Ft.  
Logged Interval (ft): 3215 Ft. To:  
Formation: Arbuckle at Total Depth  
Type of Drilling Fluid: Chemical

Region: Rooks County, Kansas  
Drilling Completed:  
Results:  
Field: Bemis-Shutts  
K.B. Elevation (ft): 2075 Ft.  
Total Depth (ft):

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

## Operator

Company: Venture Resources, Inc.  
Address: 2255 South Wadsworth, Suite 205  
Lakewood, Colorado 80227

## Geologist

Name: M. Bradford Rine  
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647  
Address: 100 South Main, Suite #415  
Wichita, Kansas 67202

## Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the Operator, to .....



### Drilling Information

Rig: American Eagle #3  
Pump: Emsco D-375 6x14  
Drawworks: Emsco GB 260  
Collars: 514' 2-1/4 x 6-1/4  
Drillpipe: 4-1/2" 16.6# XH  
Toolpusher: Derby Kever

Mud: Mudco (Tyler Lang, Gary Schmidtberger)  
Gas Detector: None  
Drill Stem Tests: Trilobite (Ray Schwager)  
Logs:  
Water: Bemis Water Well (NE/4 12-11S-18W)  
Company Representatives:  
Office: Todd Smith  
Field: John Cearley

### Daily Drilling Status

Date:	Operations/Depth/Comments
03-25-14	MIRT, RU, Spud at 2:15 am (03-26) @ 0'
03-26-14	Drilling @ 191'
03-27-14	Drilling @ 1087'
03-28-14	Waiting on Cement @ 1347'
03-29-14	Drilling @ 2266'
03-30-14	Drilling @ 2898'
03-31-14	WOR & Short Trip @ 3345'
04-01-14	Short Trip for DST 1 @ 3543'
04-02-14	CFS @ 3630'

Venture Resources, Inc.  
"Hahn #5"  
Section 31-10S-17W, Rooks County, Kansas



**CASING:**

Conductor: None

Surface: Ran 33 jts 8-5/8" 24# csg. Tally 1335.84', Set @ 1345.84'. (Swift) Cement with 470 sx SMD. Cement did Circulate. Plug down @ 7:15 PM, March 27, 2014.

Production: Ran 86 Jts new 5-1/2" 14# Casing. Set @ 3626 ft. (Swift) Cement with 370 sx SMD. Cement did circulate. Plug down at 12:00 PM, April 03, 2014.

**BITS:**

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	RR		0	38	01.00
2	12-1/4		PDC	38	1347	11.25
3	7-7/8	JZ	HA20C	1347	3543	61.75
4	7-7/8	HTC	GX44Crr	3543	3630'	04.00

**DEVIATION SURVEYS:**

Deviation:	Depth:	Deviation:	Depth:
2.25*	1347'		
1.00*	3543'		

DST #1: 3411-3543 (LKC H,I,J,K,L)

Times: 30-45-30-45

Initial Open: Wk, built to 1.5" i.b.

Final Open: None

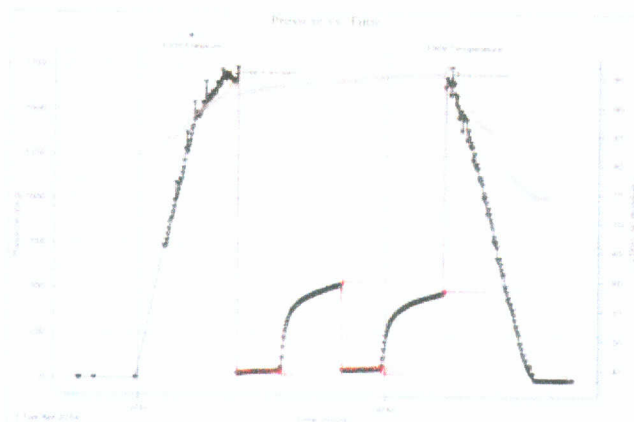
Rec: 70' mud

IHP: 1655 FHP: 1652

IFP: 26-46 FFP: 48-58

ISIP: 523 FSIP: 475

BHT: 95°F



DST #2: 3507-3630 (Congl, Arbuckle)

Times: 30-45-45-45

Initial Open: Stg, b.o.b. 4 min, return wk surf throughout

Final Open: Stg, b.o.b. 6 min, return wk surf throughout

Rec: 1235' Total Fluid

400' Oil: 100%o

90' GOCM: 10%g 30%o 60%m

248' GMCO: 20%g 65%o 15%m

435' SM&GCO: 20%g 75%o 05%m

62' GOMCW: 20%g 20%o 50%w 10%m

IHP: 1719 FHP: 1712

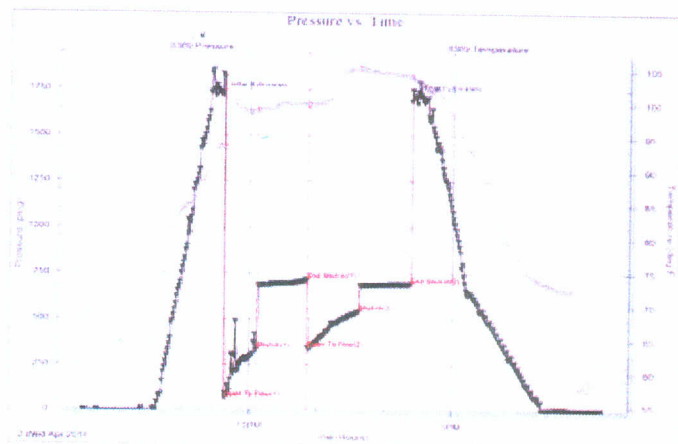
IFP: 67-338 FFP: 343-543

ISIP: 717 FSIP: 693

BHT: 104°F

FSD: 400ml gas, 1500ml oil, 100ml mud, 600 psi

(Sli intermit. plugging in IFP)



### Rock Types

Anhy	Coal	Lmst	Shcol	Siltysh
Bent	Congl	Meta	Shgy	Shiysiltst
Brec	Dol	Mrlst	Sltst	Sandy
Cht	Gyp	Salt	Ss	
Simpson shale	Igne	Shale	Till	

### Accessories

<b>MINERAL</b>	<b>FOSSIL</b>	<b>STRINGER</b>	<b>TEXTURE</b>
Anhy	Algae	Anhy	Boundst
Arggrn	Amph	Arg	Chalky
Arg	Belm	Bent	Cryxln
Bit	Bioclst	Coal	Earthy
Brecfrag	Brach	Dol	Finexln
Calc	Bryozoa	Gyp	Grainst
Carb	Cephal	Ls	Lithogr
Chtdk	Coral	Mrst	Microxln
Chtlt	Crin		Mudst
Dol	Echin		Packst
Feldspar	Fish		Wackest
Ferrpel	Foram		
Ferr	Fossil		
Glauc	Gastro		
	Oolite		
	Ostra		
	Pelec		
	Pellet		
	Pisolite		
	Plant		
	Strom		
	Siltstg		
	Ssstrg		

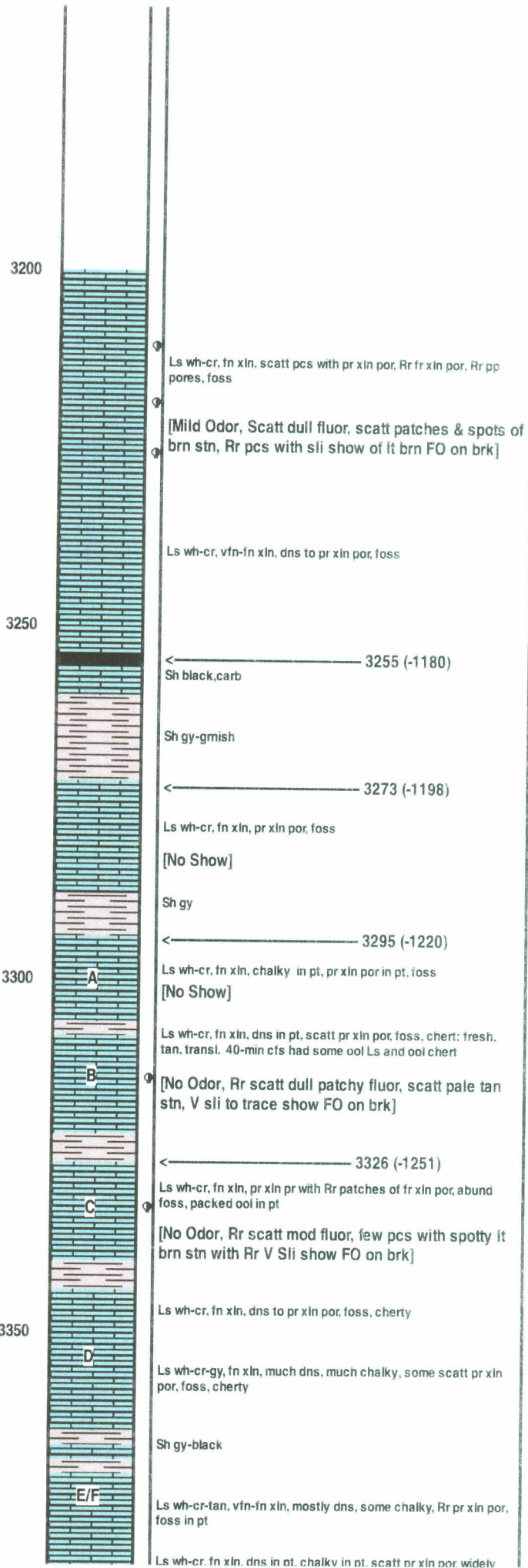
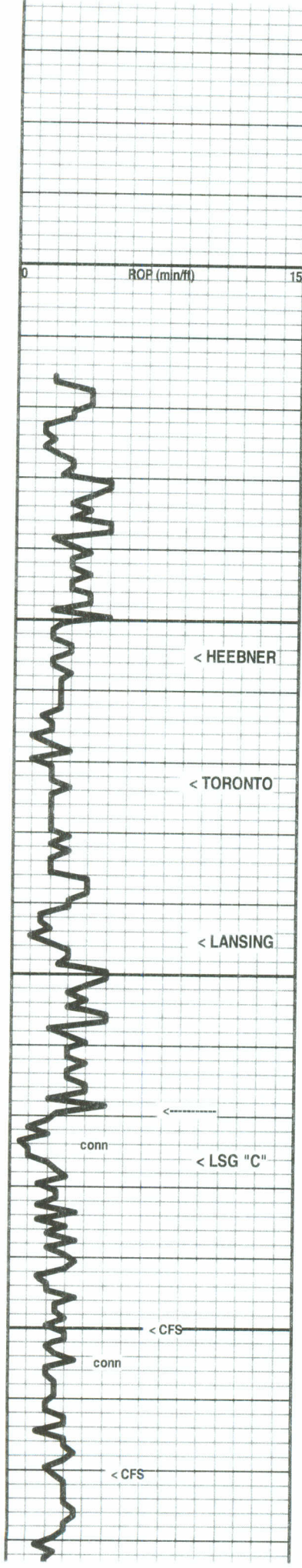
### Other Symbols

<b>OIL SHOW</b>	<b>Spotted</b>	<b>Gas</b>	<b>INTERVAL</b>
Gas show	Trace/questionable		Core
Even	Dead		Dst

ROP (min/ft)	Depth	Lithology	Geological Descriptions	Remarks
ROP (min/ft)				
0	15		*** Sample Descriptions and Shows Lagged ***	
	3100			
	3150			

\* The following comments were pasted over form original geological report. This report is a corrected version based on depth correct made: Original depth=3345 ft, corrected depth to 3319 ft.

\* After I decided that we may be a joint deeper than we should be, based on sample observations and drilling correlations, Tool pusher came and confirmed that rig pipe count of board and pipe on rack showed one joint long. Therefore, it was decided by me to run short trip at 3345 ft (run to collars) to confirm any discrepancy.



TP thinks error may have occurred while drilling out plug.  
 \*\* Could not run short trip to collars due to high wind conditions.

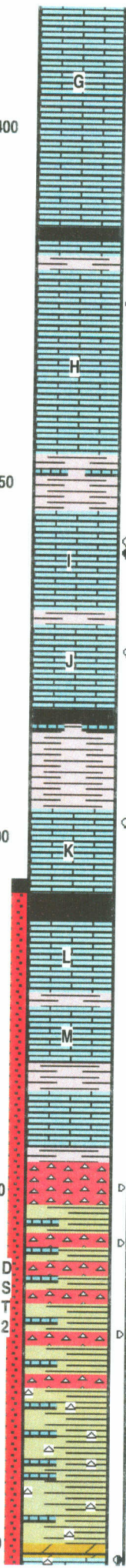
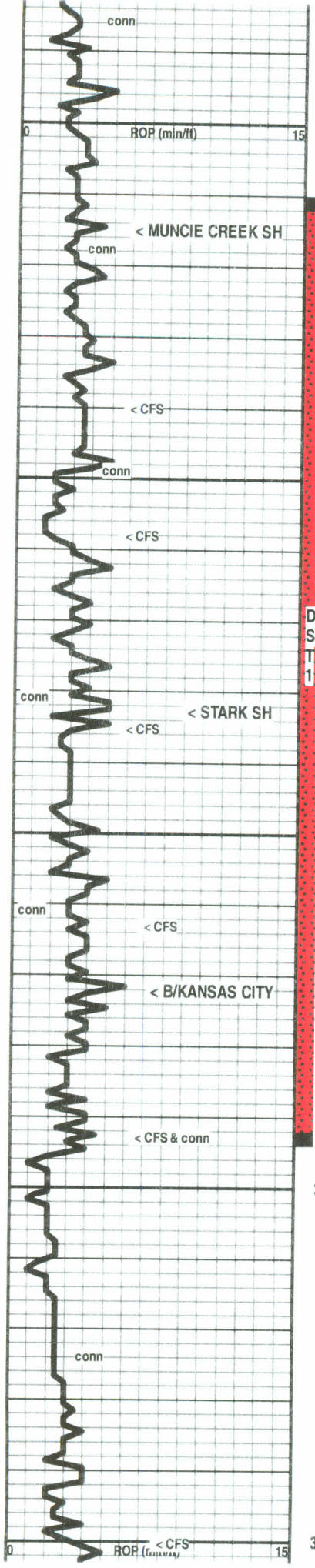
\* Also had 5 ft error on remaining Kelly after connection at 3324' to near 3345 ft. Kelly is 5' short! So rolled geolograph back to 3319'.

\*\* began corrected drill time at 3319', however, on this report kept adding drill time to old depth of 3345 ft.

\* This version is based on a correction made at (old RTD 3345 ft. correction back up to 3324 ft, due to pipe tally discrepancy!

<----- New drill time began at new corrected depth (3319') first new ft- 3320'. Drill time above 3320' was based on counting back with old drill time to 3345 ft.

Ls wh-cr, fn xln, dns in pt, chalky in pt, scatt pr xln por widelv



scatt pp pores, foss

[No Odor, No fluor, V Rr pcs with fnt patches of lt brn stn, NSFO]

Ls wh-cr-gy, fn xln, dns-pr xln por, chalky in pt, some smooth vitreous text pcs

← 3415 (-1340)

Sh black, carb (repres sli in 3420 & 3430 spl. \*circ at conn to jet pit)

Ls wh-cr, fn xln, mostly dns, some chalky Rr scatt patches of pr xln por, sli foss in pt

[V Fnt Odor, No fluor, Rr patches of lt tan stn with Rr trace show of FO]

Ls wh-cr, fn xln, dns, chert: fresh, tan foss, subtrans!

Sh gy

Ls cr, fn xln, some dns, some mix of pr-fr xln por, scatt pp pores, foss, some foss chert near base

[Fnt Odor, scatt spotty-patchy-even dull fluor, scatt spotty-patchy to Rr even lt brn to brn stn, sli shows of FO on brk]

Sh gy

Ls cr-tan-gy, vfn-fn xln, much dns, some subchalky, scatt pr xln por, foss

[No Odor, V Rr patch of dull fluor, V Rr patches & spots of lt brn stn, V Rr trace show lt brn micro-drops FO]

← 3483 (-1408)

Sh black, carb (repres in 3485' 20-min spl)

Sh gy-dk gy-gm

Ls wh-cr-tan, fn xln, dns with scatt marbling of pr xln por, sli foss in pt

[No Odor, No fluor, few pcs with marbled tan stn, NSFO]

Sh black, carb

Ls wh-cr, vfn-fn xln, dns, some vitreous text

[No Show]

← 3522 (-1447)

Ls wh-cr-tan, vfn-fn xln, dns, vitreous text

[No Show]

Sh gy-gm-red

Ls wh-cr, vfn xln, dns, cherty, some sdy Ls and interbedded red shale

Sh gy-dk reddish

50% Shales: gy-dk gy-gmish-gm; 30% Chert: fresh to devitrified-grainy, opaq-transl, wh-ivory-tan; 20% Ls: cr, vfn xln, dns

[No Odor, No fluor, scatt blk gilsonitic/dead stn in devitrified-weathered chert]

60% Shale: gy-gm-red; 30% Chert: fresh-weathered, vitreous-grainy text, transl-opaq; 10% Ls: wh-cr, dns

50% Shale: gy-red-dk gm-epidote gm; 50% Ls-dol Ls-Dolo:

DST #1: 3411-3543 (LKC H,I,J,K,L)  
 Times: 30-45-30-45  
 Initial Open: Wk, built to 1.5" i.b.  
 Final Open: None  
 Rec: 70' mud  
 IHP: 1655 FHP: 1652  
 IFP: 26-46 FFP: 48-58  
 ISIP: 523 FSIP: 475  
 BHT: 95°F

Pipe Strap @ 3543: 1.71 ft long  
 (no correction made)

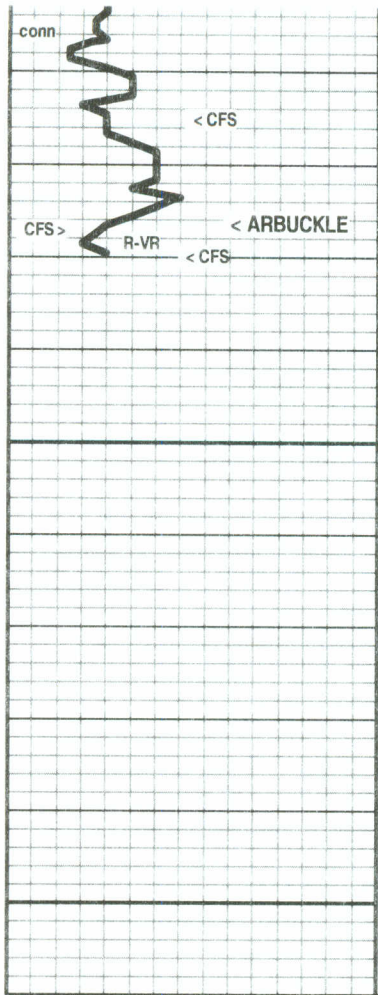
7:00 AM, April 01, 20014

Mud Check, ST for DST 1 @ 3543':

Vis	Wt	WL	LCM	PV	YP
60	9.2	7.2	2	15	25
Chl	Hd	pH	Solids		
4800	Tr	10.5	6.2		

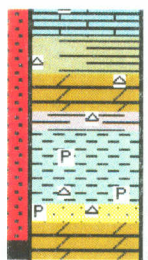
DST #2: 3507-3630 (Congl, Arbuckle)





3650

3700



wh-cr, fn xln, dns-pr xln por, cherty in pt; wh-orange

[Moderate Odor, Scatt dull fluor, spotty-patchy  
brn-dk brn str, scatt blk resid DO str, sli show FO  
on brk]

Sh epidote/turq grn, subwaxy-subsilty, pyritic in pt, some red  
shale inclusions & red pcs  
3627' CFS: shale as above, incr in fresh wh opa chert, Sd  
clusters fn-md gm, fr sort, subrd, cem in pt, few pcs dol., abund  
pyritic

<----- 3626 (-1551)  
Dol. cr-tan, sdy in pt to v sdy, cherty in pt, fn-md xln,  
sucrosic-subshombic, dns in pt, fr xln por in pt, scatt vugs, ool  
in pt with ool chert, pr-gd crush

<----- Took some Wt & RPM off of bit @  
2615 ft!

[3627' cfs: Mild Odor, no fluor, spotty brn str  
in Sd & Dol, Tr show FO]

3630' cfs: Stg Odor-sli sour, Scatt dull fluor,  
some pcs dns with no show, moderate am't  
pcs with spotty-patchy-even/sat brn & dk brn  
str, mix of sli-moderate-gd show of dk brn  
FO on brk & bleeding FO]