



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1106963  
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: \_\_\_\_\_



1106963

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 <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  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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Strata Exploration Inc.

**10-27s-18w Kiowa Ks.**

P.O.Box 401  
Fairfield Il.62837

**Hamblin Trust#1-10**

ATTN: Jon Christensen

Job Ticket: 50827

**DST#: 1**

Test Start: 2013.01.03 @ 02:36:15

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:29:30

Time Test Ended: 11:46:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 4680.00 ft (KB) To 4725.00 ft (KB) (TVD)**

Total Depth: 4725.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2179.00 ft (KB)

2168.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8352 Outside**

Press @RunDepth: 28.35 psig @ 4681.00 ft (KB)

Start Date: 2013.01.03

End Date: 2013.01.03

Start Time: 02:36:20

End Time: 11:46:00

Capacity: 8000.00 psig

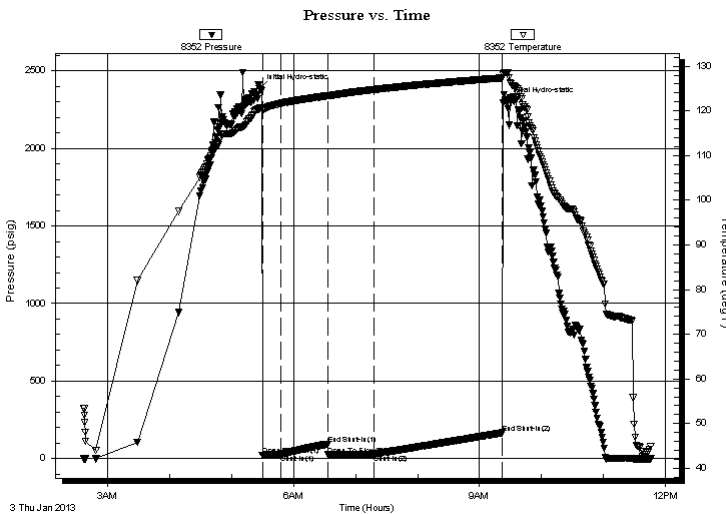
Last Calib.: 2013.01.03

Time On Btm: 2013.01.03 @ 05:26:45

Time Off Btm: 2013.01.03 @ 09:25:15

**TEST COMMENT:** IF:Weak blow . 2 - 4 1/2".  
IS:No blow .  
FF:Weak to fair blow . 2 - 5".  
FS:No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2384.89	120.53	Initial Hydro-static
3	19.70	120.11	Open To Flow (1)
21	25.20	121.63	Shut-In(1)
66	92.73	123.35	End Shut-In(1)
67	23.52	123.31	Open To Flow (2)
111	28.35	124.75	Shut-In(2)
236	165.76	127.37	End Shut-In(2)
239	2300.78	128.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig.mud	0.07
0.00	185 ft.of GIP	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**10-27s-18w Kiowa Ks.**

P.O.Box 401  
Fairfield Il.62837

**Hamblin Trust#1-10**

Job Ticket: 50827

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2013.01.03 @ 02:36:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

7000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	Drig.mud	0.074
0.00	185 ft.of GIP	0.000

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

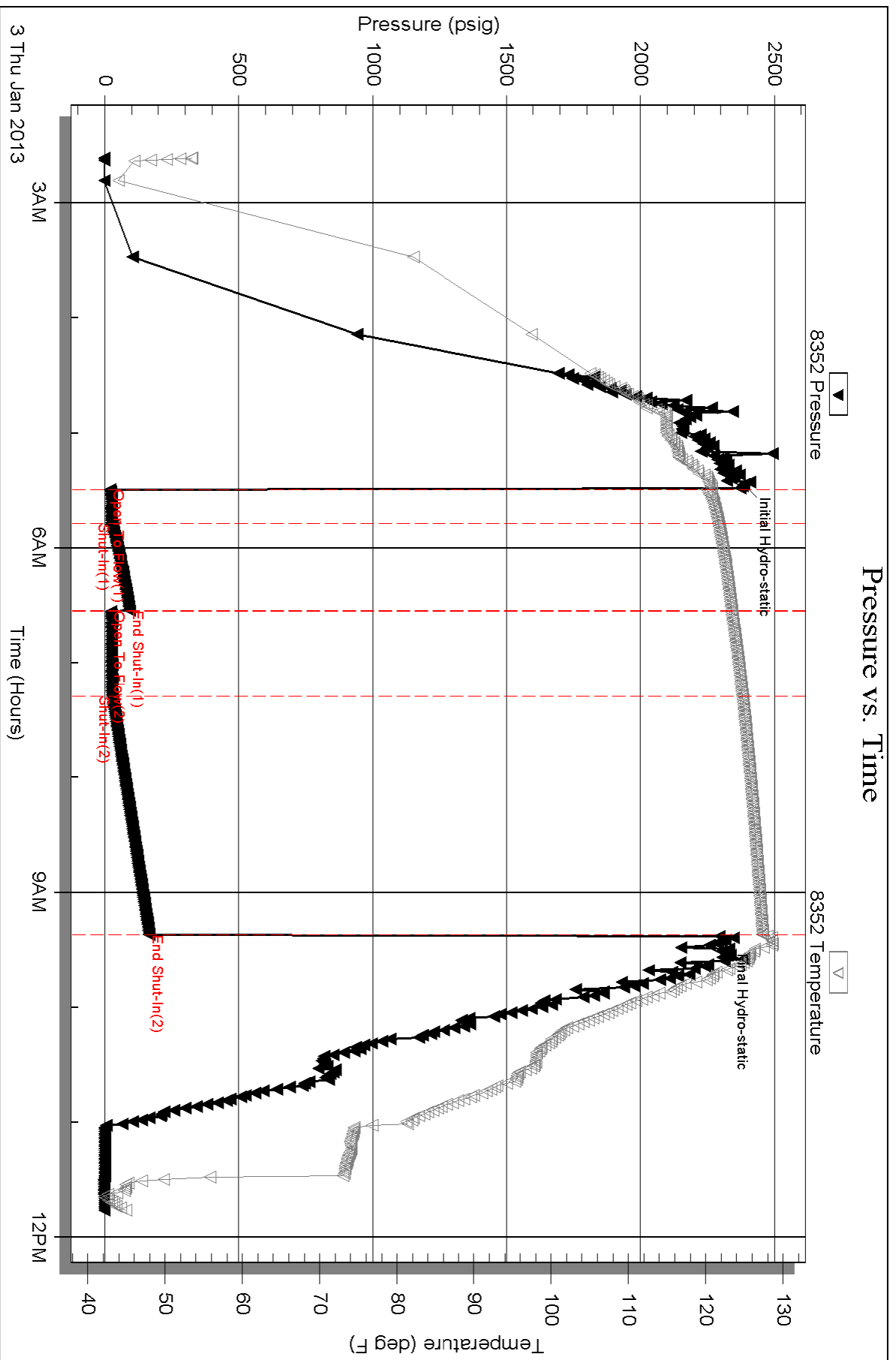
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Strata Exploration Inc.

**10-27s-18w Kiowa Ks.**

P.O.Box 401  
Fairfield Il.62837

**Hamblin Trust#1-10**

ATTN: Jon Christensen

Job Ticket: 50828

**DST#: 2**

Test Start: 2013.01.03 @ 21:52:39

## GENERAL INFORMATION:

Formation: **Kinderhook SS.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:09

Time Test Ended: 06:04:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 4724.00 ft (KB) To 4765.00 ft (KB) (TVD)**

Reference Elevations: 2179.00 ft (KB)

Total Depth: 4765.00 ft (KB) (TVD)

2168.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

**Serial #: 8352 Outside**

Press @RunDepth: 26.96 psig @ 4725.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.03

End Date:

2013.01.04

Last Calib.:

2013.01.04

Start Time: 21:52:44

End Time:

06:04:53

Time On Btm:

2013.01.04 @ 00:26:54

Time Off Btm:

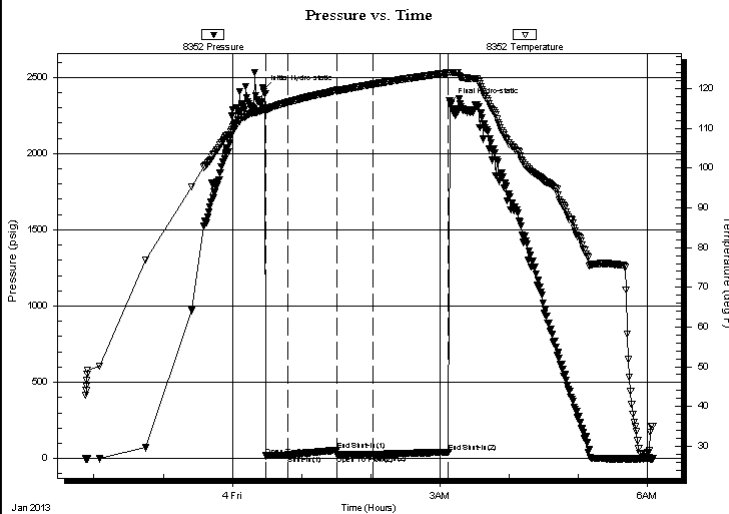
2013.01.04 @ 03:09:09

TEST COMMENT: IF:Weak blow . 1/2 - 3/4".

IS:No blow .

FF:Very weak blow . 1/4" or less

FS:No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2419.58	114.84	Initial Hydro-static
3	17.66	114.16	Open To Flow (1)
21	23.04	116.54	Shut-In(1)
64	54.43	119.58	End Shut-In(1)
64	23.82	119.58	Open To Flow (2)
95	26.96	121.10	Shut-In(2)
161	42.22	123.96	End Shut-In(2)
163	2336.03	124.04	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig.mud w oil specs	0.07

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**10-27s-18w Kiowa Ks.**

P.O.Box 401  
Fairfield Il.62837

**Hamblin Trust#1-10**

Job Ticket: 50828

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2013.01.03 @ 21:52:39

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

7000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drig.mud w oil specs	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

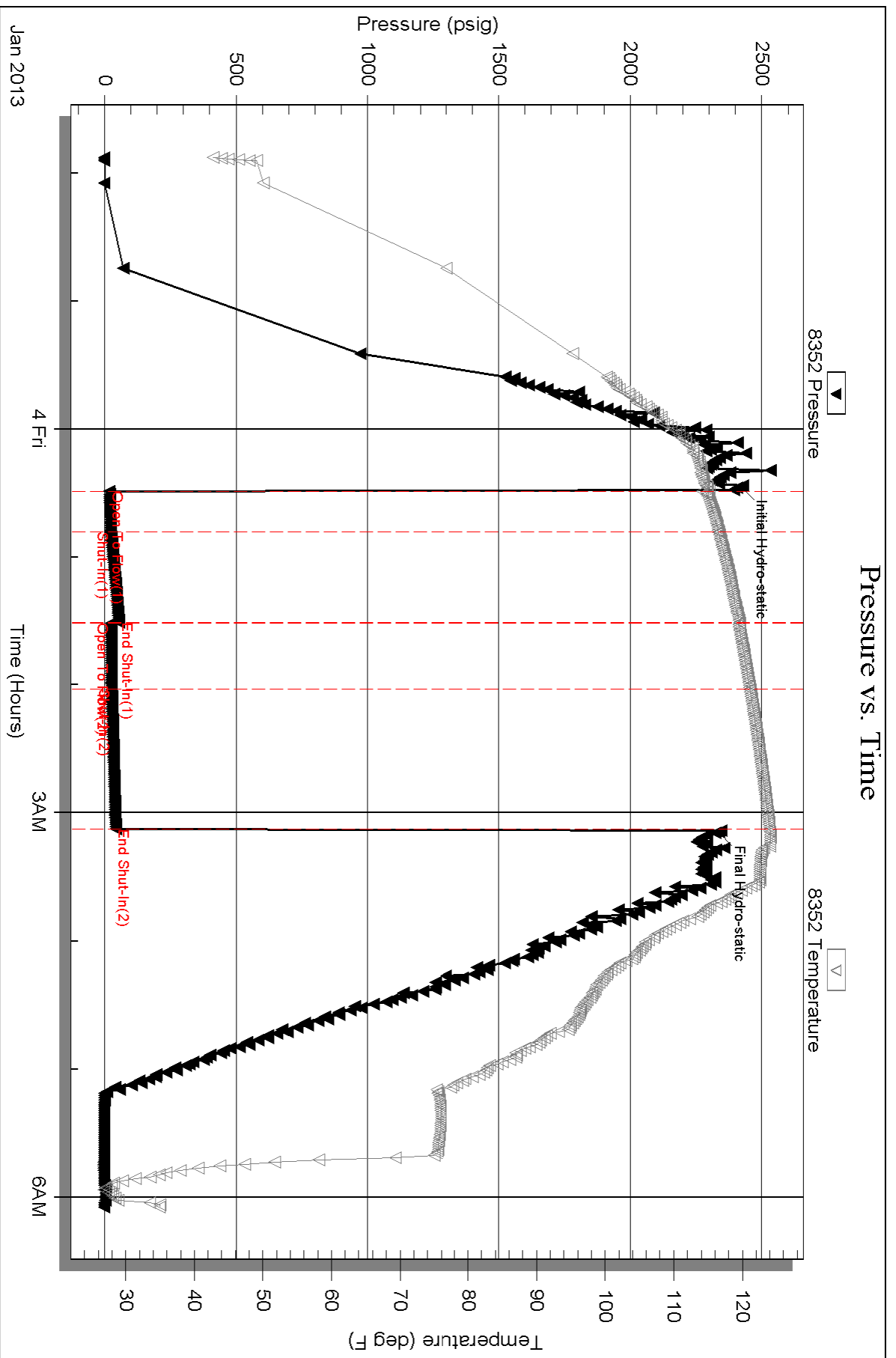
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





# LITHOLOGY STRIP LOG

## WellSight Systems

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

Well Name: Hamblin Trust #1-10  
Location: 1750' FNL & 660' FEL, Sec. 10-T27S-R18W, Kiowa Co., KS.  
Licence Number: 15-097-21741-0000 Region: Greensburg NW  
Spud Date: 12/27/2012 Drilling Completed: 1/4/2013  
Surface Coordinates: 1750' FNL & 660' FEL, Sec. 10-T27S-R18W

Bottom Hole Same as above  
Coordinates:  
Ground Elevation (ft): 2168' K.B. Elevation (ft): 2179'  
Logged Interval (ft): 3300' To: 4850' Total Depth (ft): 4850'  
Formation: Viola at Total Depth  
Type of Drilling Fluid: Freshwater/Gel to 3433'; Chemical Gel 3433' to 4850'  
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: Strata Exploration, Inc.  
Address: P.O. Box 401  
Fairfield, IL. 62837-0401

### GEOLOGIST

Name: Jon D. Christensen  
Company: Consulting Petroleum Geologist  
Address: 9002 W. Silver Hollow St.  
Wichita, KS. 67205-8856

### Cores

None Taken

### DSTs

DST #1(Miss. Chert) 4676' - 4721'(Corrected Depths to LOG) Test Times 15"-45"-45"-120 IFP Weak to Fair 4.5" Blow, FFP Fair 5" Blow; REC: 185' Gas in Pipe, 15' VSGCM, no oil, no water; IFP 20-25#, ISIP 93#, FFP 24-28#, FSIP 166#, IHP 2385#, FHP 2301#, BHT 127 Deg. F.

DST #2(Kinderhook Sand) 4720' - 4761'(Corrected Depths to LOG) Test Times 15"-45"-30"-60" IFP Weak 0.75" Blow, FFP Weak Surface to 0.25" Blow, no Blowback on SI's; REC: 15' Drlg. Mud with oil specks, no water; IFP 18-23#, ISIP 54#, FFP 24-27#, FSIP 42#, IHP 2420#, FHP 2336#, BHT 124 Deg. F.

## Comments

12/27/12 MIRU Sterling Drilling Rig #2, Spud at 9:30 PM.; 12/28/12 TD. 567' - Wiper Trip prior to setting Surface Casing; 12/29/12 Drilling at 850'; 12/30/12 Drilling at 2380'; 12/31/12 Drilling at 3315'; 1/1/13 Drilling at 4088'; 1/2/13 Drilling at 4581'; 1/3/13 TD. 4725' - DST #1; 1/4/13 TD. 4765' - TIH after DST #2, Reached TD. 4850' at 4:15 PM., LTD. 4850'; 1/5/13 RTD. 4850' - P & A, Rigging Down.

Set new 8 5/8"(24#) Surface Casing at 561' with 350 sacks of Cement(Basic Energy Services). Cement Did Circulate. PD. 11:30 AM. 12/29/12.

Surveys: 0.75 Deg. at 567'(Surface Casing); 0.75 Deg. at 4725'(DST #1); 0.75 Deg. at 4850' RTD.

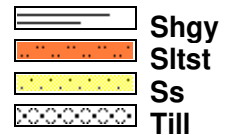
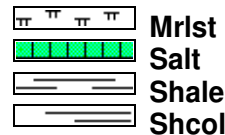
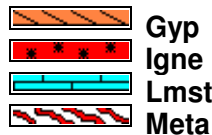
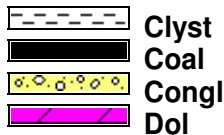
Pipe Strap at 4725'(DST #1): Strap 2.82' Short to the Board, no correction made to the Board.

After review of the Halliburton Logs, DST data and lack of commercial indications of hydrocarbons, the operator elected to Plug and Abandon the Hamblin Trust #1-10 at Total Depth 4850' on 1/5/2013.

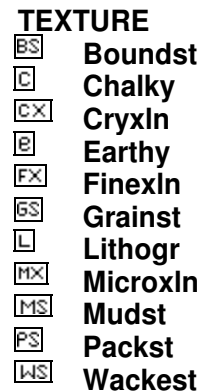
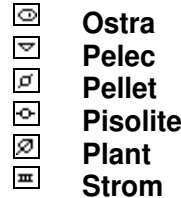
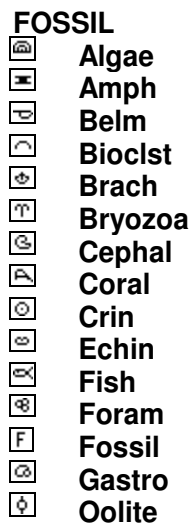
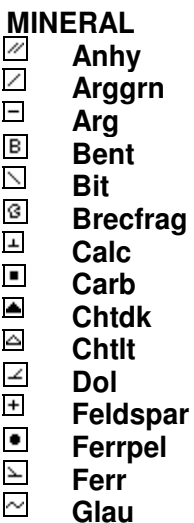
LOG TOPS: Chase 2393(-214), Stotler Lmst. 3364(-1185), Howard 3558(-1379), Queen Hill Shale 3864(-1685), Heebner Shale 3993(-1814), Toronto 4009(-1830), Brown Lmst. 4136(-1957), Lansing 'A' 4151(-1972), Lansing/KC. 'H' 4304(-2125), Stark Shale 4435(-2256), Swope 4443(-2264), Hertha 4492(-2313), Base Kansas City 4525(-2346), Marmaton 4571(-2392), Pawnee 4620(-2441), Cherokee Shale 4657(-2478), Miss. Chert 4700(-2521), Kinderhook Shale 4718(-2539), Kinderhook Sand 4748(-2569), Viola 4808(-2629).

NOTE: This log was shifted upward by 4' for correlation purposes with the Halliburton LOGS.

## ROCK TYPES



## ACCESSORIES



**OTHER SYMBOLS**

- POROSITY**
- Earthy
  - Fenest
  - Fracture
  - Inter
  - Moldic
  - Organic
  - Pinpoint

Vuggy

- SORTING**
- Well
  - Moderate
  - Poor

- ROUNDING**
- Rounded
  - Subrnd
  - Subang
  - Angular

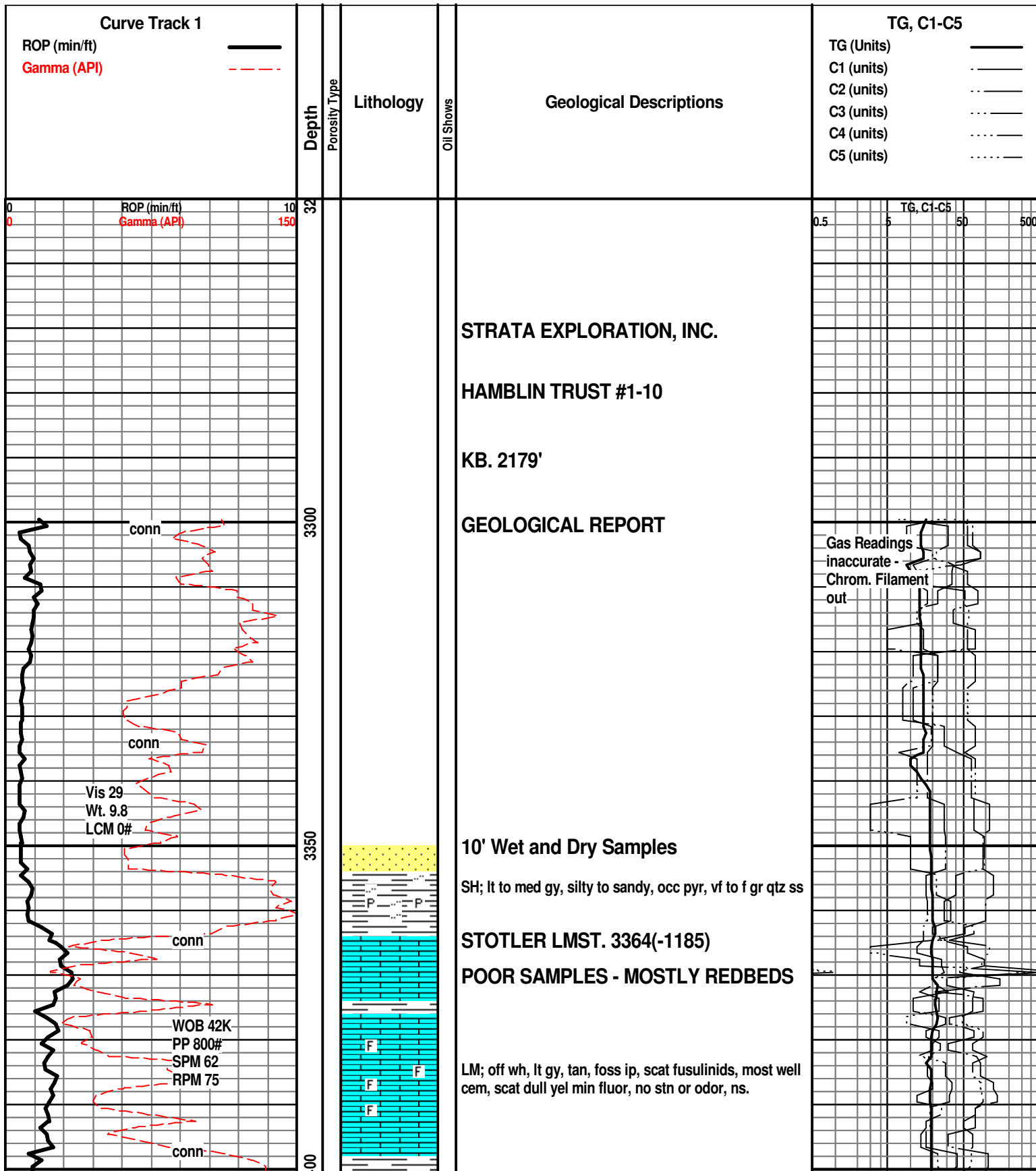
**OIL SHOW**

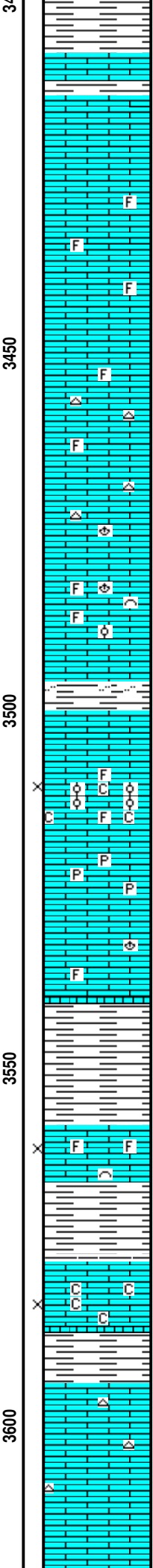
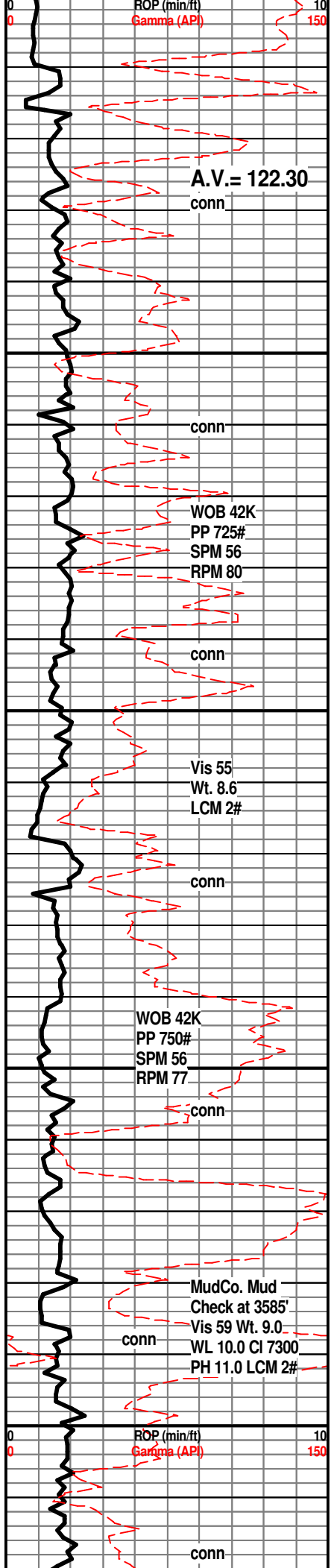
- Even

- Spotted
- Ques
- Dead

- INTERVAL**
- Core
  - Dst

- EVENT**
- Rft
  - Sidewall





SH; med gy, gy grn, platy

LM; lt gy, lt brn, hd, blocky, tite

LM; lt gy to lt brn, foss ip, most dense, tite, ns.

**Displace Mud System at 3433'**

LM; off wh, wh, lt gy, foss ip, most dense, blocky, scat lt yel min fluor, no stn or odor, ns.

**VERY POOR SAMPLES - STILL MOSTLY REDBED AND ANHYDRITE, FINELY GROUND UP**

LM; lt gy brn, tan, scat foss mat, occ tan cht, no vis por, no gas kick, ns.

LM; off wh, tan, v. foss ip, scat lt to med yel min fluor, no stn or odor, no gas kick, ns.

SH; med to dk gy, platy, smooth, occ silty

LM; tan to off wh, foss - partly oolitic, gd interpart por, minor soft chalky mtx, lt yel fluor, no stn or odor, no gas kick, ns.

LM; tan to lt gy, buff, fxln, hd, scat pyr, no fluor, no stn or odor, ns.

**BETTER SAMPLES**

LM; tan to lt brn, blocky, dense, rarely foss, dull yel min fluor, ns.

SH; lt gy to grn, platy, fiss

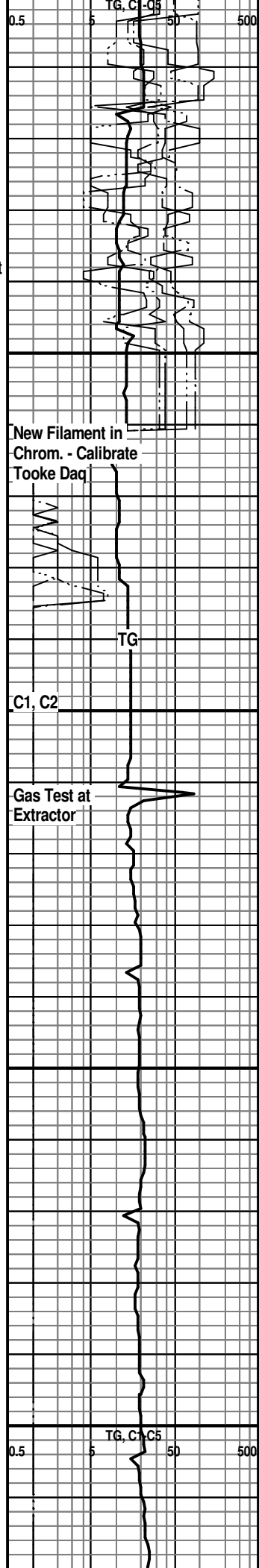
**HOWARD 3558(-1379)**

LM; off wh, lt brn, buff, foss ip, scat poor interpart por, occ soft chalky mtx, lt yel min fluor, no stn or odor, no gas kick, ns.

SH; med to dk gy, fiss, platy

LM; tan to cream, f to med xln, scat soft sucrosic text, fair interxln por, lt yel fluor, some soft chalky mtx, ns.

LM; off wh, buff, tan, fxln w/occ med xln interbdd, poor to no vis por, scat lt yel min fluor, rare gy cht, ns.



WOB 42K  
PP 800#  
SPM 56  
RPM 75

conn

Vis 59  
Wt. 8.7  
LCM 2#  
conn

A.V.= 122.35

conn

conn  
Vis 60  
Wt. 9.1  
LCM 2#

conn

WOB 42K  
PP 840#  
SPM 56  
RPM 70

ROP (min/ft)  
Gamma (API)

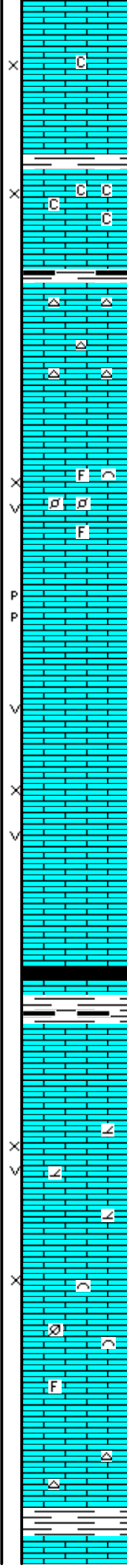
conn

3650

3700

3750

3800



LM; tan to cream, buff, most med xln to gran text, scat fair interxln por, dull yel to no fluor, no gas kicks, ns.

LM; tan to buff, off wh f to med xln, some soft chalky mtz, gd interxln por, dull yel min fluor only, ns.

SH; dk gy, trc blk, platy

LM; tan to cream, buff, f to med xln, rare off wh cht, poor interxln por, ns.

LM; lt to med brn, hd, blocky, scat tan/gy cht, no vis por, ns.

LM; tan to lt brn, foss - med xln, some gran text, gd interpart/interxln w/scat vug por, dull yel min fluor, no stn or odor, no gas kick, ns.

LM; tan to cream, off wh, med xln w/occ p-p and vug por, dull yel min fluor, no stn or odor, ns.

LM; lt brn, tan, med xln w/scat foss mat, occ fusulinids, fair to gd interxln w/some vug por, dull yel to no fluor, no stn or odor, ns.

SH; med to dk gy, trc blk, platy

LM; med gy to med brn, dense, micritic, hd

LM; tan to lt brn, cream, fxln w/occ sucrosic text, partly dolomitic, dull yel min fluor, fair to gd interxln w/some vug por, no stn, ns.

LM; tan to lt brn, fxln, occ foss mat, spotted lt yel min fluor, scat cse opaque spar calc xtals, fair interxln por, no stn or odor, ns.

LM; lt brn, lt gy brn, hd, micritic, rare gy cht, no vis por, ns.

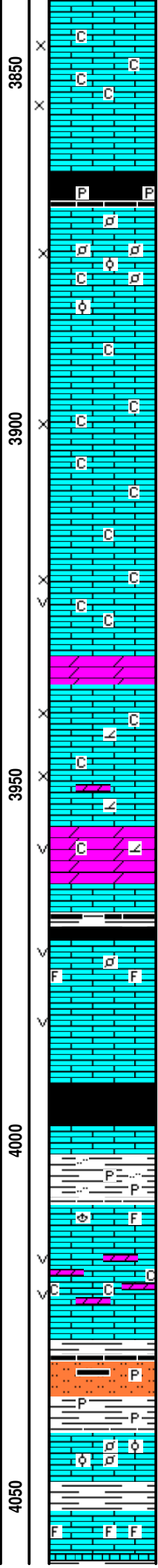
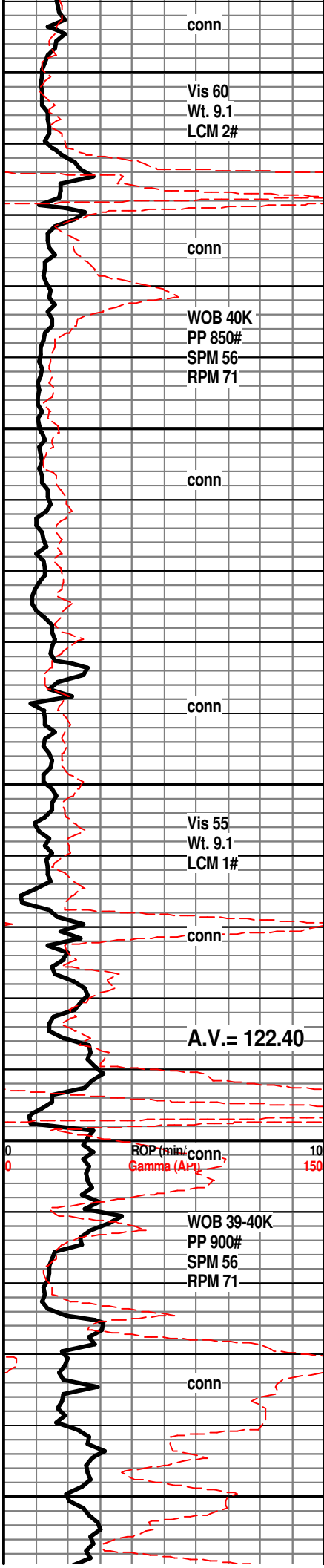
SH; dk gy, trc dk brn, platy

Chrom turned off

Change Extractor  
Filter/Gas Test at  
Extractor

Chrom. "ON"

TG, G2-C5  
0.5 5 50 500



LM; off wh, buff, lt brn, f to med xln, fair interxln por, scat soft chalk and chalky mtx, dull yel min fluor, no stn, ns.

**QUEEN HILL SHALE 3864(-1685)**

SH; blk, carb ip, platy, scat pyr

LM; tan to cream, buff, f to med xln, scat foss mat - pelletal lmst w/rare small oolites, lt yel min fluor, fair interpart por, scat chalky mtx, no stn or odor, ns.

LM; off wh, buff, med to occ cse xln, abnt spar calc xtals, interbdd soft chalky lmst, fair interxln por, dull yel fluor, no stn, ns.

LM; off wh, buff, tan, f to med xln, scat soft chalk and chalky mtx, fair interpart por, partly dolomitic, dull to rare lt yel min fluor, no stn, ns.

DOL; lt brn, sucrosic, well dev. vug por, soft, dull yel to no fluor, ns.

SH; v. dk gy, some blk, platy

LM; tan to lt brn, fxln w/rare foss mat, interbdd hd tan micrite, scat small vug por ip, dull yel min fluor, no stn or odor, ns.

LM; lt brn, tan, fxln w/scat sucrosic text, dull yel min fluor only, no stn, ns.

**HEEBNER SHALE 3993(-1814)**

SH; blk, carb, soft to blocky, trc gas

LM; med brn, dense, hd

SH; gy grn, grn, firm, occ silty, pyr ip.

**TORONTO 4009(-1830)**

LM; lt brn, foss ip, hd, blocky

LM; tan to lt brn, sucrosic w/interbdd dolomite and dolomitic lmst, fair vug por, minor soft chalky mtx, no fluor, no stn or odor, ns.

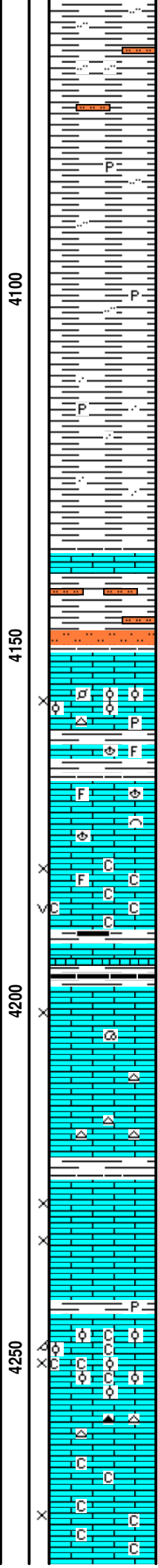
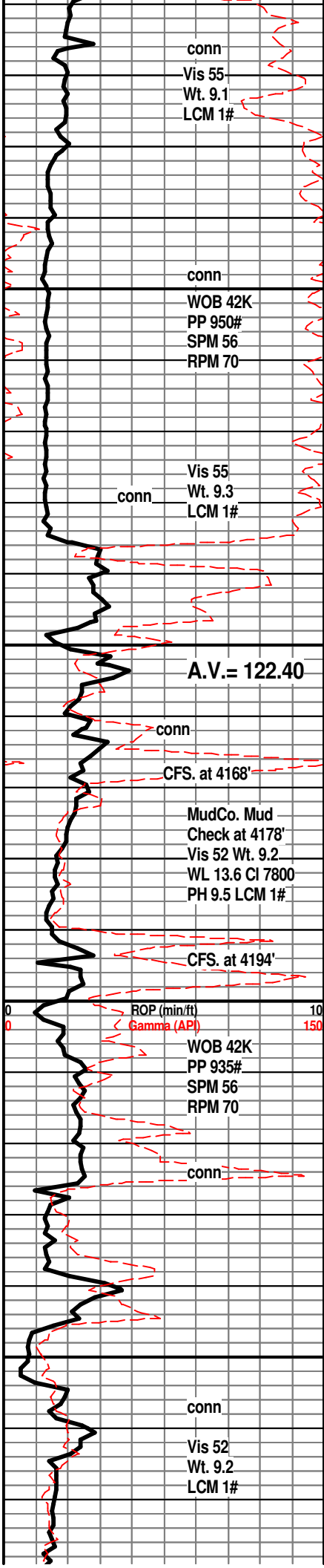
**DOUGLAS SHALE 4028(-1849)**

SLTST; lt gy, sandy ip, occ mica, soft ip, occ dissem. pyr, trc coaly frags

LM; tan to med brn, v. foss w/occ oolitic and pelletal lmst, scat pyr, well cem, lt yel min fluor, no stn or odor, no gas kick, ns.

LM; med to dk brn, med gy, foss ip, most micritic, hd





SH; lt gy, fiss, silty ip, firm

**POOR SAMPLES - MOSTLY UPHOLE SLOUGH - REDBEDS, ETC.**

SH; lt to med gy, silty ip, fiss, rarely pyr.

SH; lt to med gy, platy, soft to sticky, some gumbo shale

**BROWN LMST. 4136(-1957)**

LM; med brn, micritic, dense

SH; grn, gy grn, platy, scat soft sltst.

**LANSING 'A' 4151(-1972)**

LM; tan to lt brn, foss - oolitic/finely pelletal, scat lrg ooids, poor to fair interpart por, med yel fluor, trc gas bubbles, no vis oil staining, no odor, poor show, trc oolitic pyr cht

SH; med to occ dk gy, foss ip, interbdd hd lmst

**LANSING 'B' 4169(-1990)**

LM; lt gy to lt brn, foss ip, most well cem, tite

LM; off wh, buff, lt gy, f to med xln, foss ip, much soft chalky and chalky lmst, interbdd lt gy vuggy lmst, dull to lt yel fluor, no vis oil stn, no odor, no sample shows

SH; dk gy, trc blk, platy

LM; tan to buff, off wh, f to med xln, poor to fair interxln por, occ spar calc xtals, lt yel min fluor, no stn or odor, ns.

LM; lt brn, buff, most dense, blocky, scat lt brn to tan cht, no vis por, ns.

LM; lt brn, tan, rare med brn, some mottled text, most med xln to occ gran, lt to med yel fluor, trc blk dead oil/tar on few pcs, no apparent gas kick, no odor

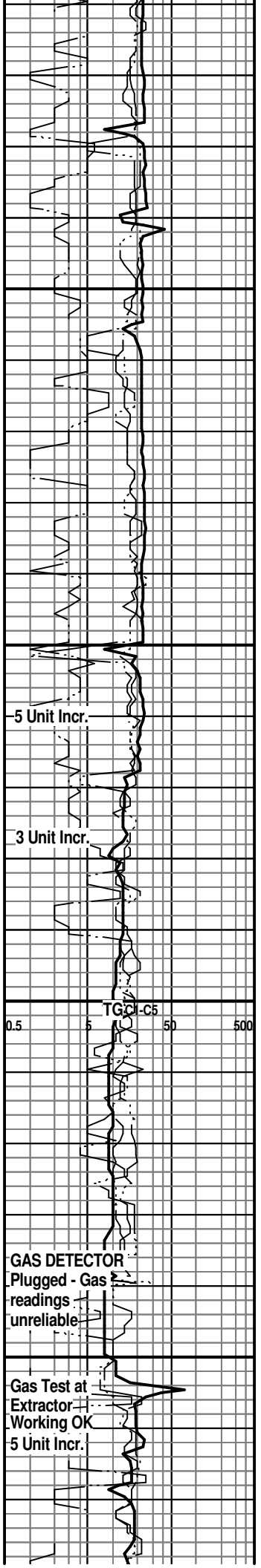
SH; med gy, grn, fiss, occ pyr

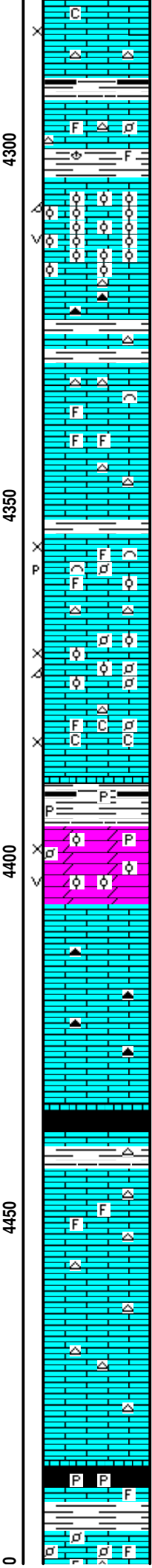
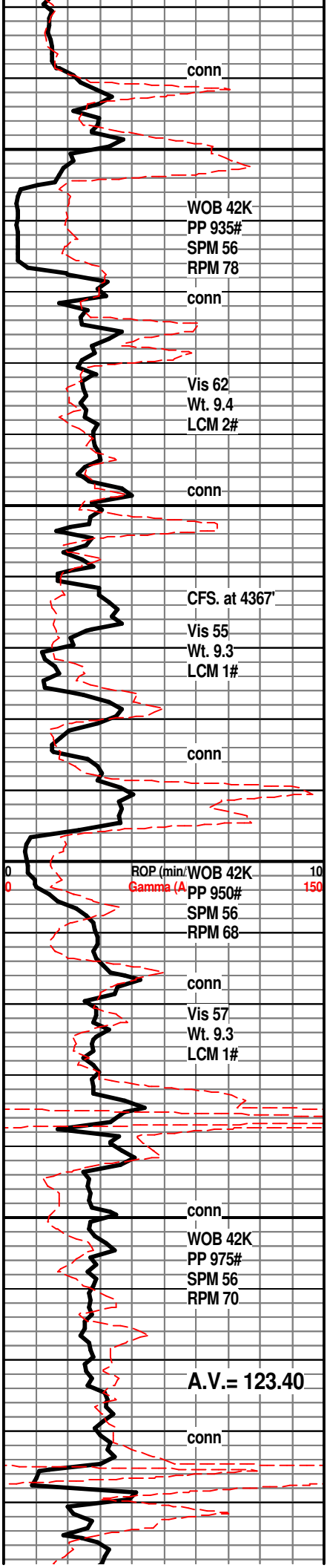
**LANSING 'G' POROSITY 4245(-2066)**

LM; off wh, wh, buff, foss - oolitic ip, much soft chalky mtx, fair to gd interpart and scat oomoldic por, interbdd cse xln lmst, lt yel min fluor, ns.

LM; lt to med brn, hd, micritic ip, scat dk gy to tan cht, ns.

LM; off wh, wh, med xln, scat cse opaque spar calc xtals, fair interxln por, interbdd chalk and soft chalky





mtx, occ lt yel fluor, no stn or odor, ns.

SH; dk gy - blk, fiss to flakey

LM; med to dk brn, foss ip, dense, occ tan cht

SH; med to dk gy, firm, foss ip.

**LANSING/KC. 'H' 4304(-2125)**

LM; lt to med brn, rare tan, oolitic, most med size molds, v. gd oomoldic w/scat vug por, some rextalized, dull yel min fluor only, no stn or odor, no gas kick, barren, ns.

LM; med brn, hd, micritic, scat dk gy/smoky cht

SH; grn, gy grn, platy

LM; tan to cream, buff, fxln w/scat well cem foss mat, cherty w/wh and tan cht, poor/no vis interxln por, no stn or odor, ns.

**K.C. 'I' ZONE 4354(-2175)**

LM; off wh, cream, buff, foss to finely oolitic, scat hash, fair to poor interpart por, some p-p por, trc chalky mtx, lt yel min fluor, no stn or odor, no vis gas

LM; tan to off wh, foss, finely oolitic/pelletal ip, scat gd oomoldic por, minor chalky mtx, scat lt yel fluor, no stn or odor, no gas kick, ns.

LM; off wh, tan, buff, fxln w/occ foss mat, poor interpart por, chalky ip, dull yel fluor, no stn, ns.

SH; dk gy, trc blk, platy, occ pyr

**K.C. 'J' DENNIS 4396(-2217)**

DOL; lt brn, tan, oolitic ip, most sucrosic dolomite w/v. gd interxln and scat vug por, some rextalized, no stn or odor, no gas kick, barren, ns.

LM; tan to cream, most dense, micritic, scat dk brn to amber cht, no vis por, ns.

**STARK SHALE 4435(-2256)**

SH; blk, platy, carb ip.

**SWOPE 4443(-2264)**

LM; tan to lt brn, fxln, occ foss mat - well cem, no vis por, minor off wh to gy cht, no fluor, ns.

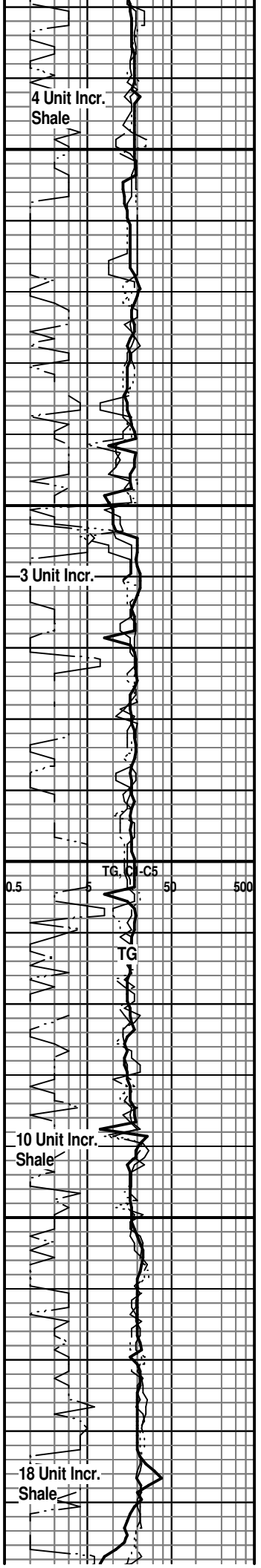
LM; off wh, cream, f to occ med xln, most well cem, scat gy to off wh cht, no vis por, no fluor, ns.

SH; blk, carb ip, platy, occ gassy, pyr ip.

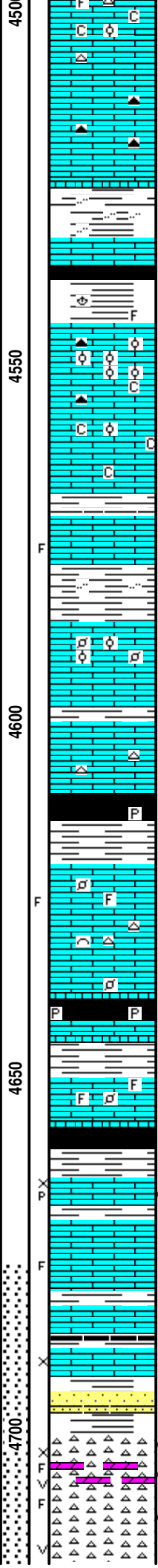
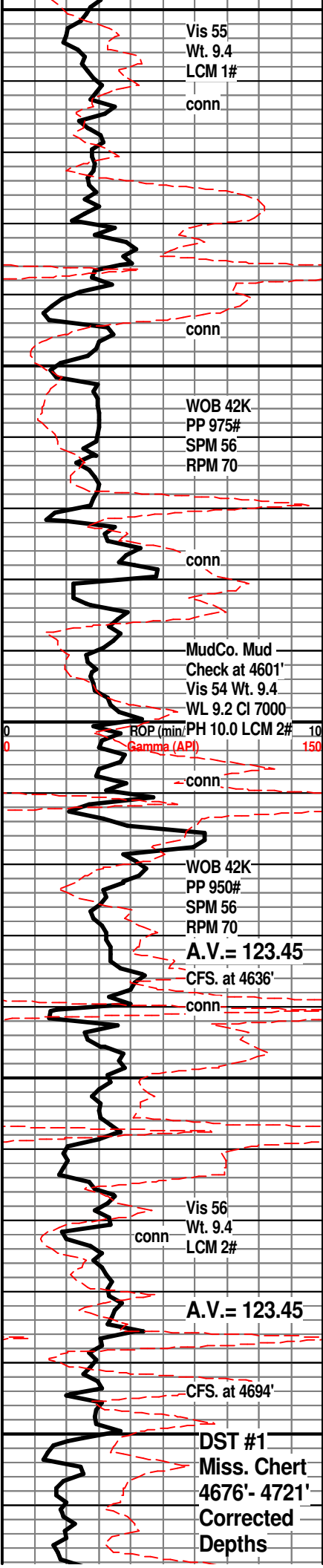
LM; lt to med brn, foss, tite

**HERTHA 4494(-2315)**

LM; tan to lt brn. buff. foss w/scat small foss pellets.







LM; tan to dk brn, trc soft chalky mtx, interbdd tan to gy cht, lt yel min fluor, poor interpart por, no stn or odor, ns.

LM; med brn, rarely dk brn, scat hd smoky cht, dense, blocky, no vis por, ns.

**BASE KANSAS CITY 4525(-2346)**  
SH; varic, gy, grn, trc rust red, maroon, silty ip.  
LM; lt to med brn, trc maroon, hd, blocky, tite  
SH; dk gy/blk, interbdd varic shales, platy to flakey, foss ip.

**PLEASANTON 4544(-2365)**  
LM; lt to med brn, hd, micritic, occ interbdd foss mat/occ brn well cem oolites, scat gy to smoky cht, no vis por, ns.  
LM; tan to buff, off wh, cse xln, most well cem, minor soft chalky mtx, dull yel fluor, no stn or odor, ns.

**MARMATON 4571(-2392)**  
LM; lt brn, tan, scat pale grn tint, trc frags w/spar calc, lt yel min fluor, ns.  
LM; tan to lt brn, foss ip w/scat well cem oolites and foss mat, occ spar calc xtals, no vis por, dull yel fluor, ns.  
LM; tan to lt brn, fxln, occ foss, most dense, no vis por, scat off wh to gy cht, no fluor, no stn or odor, ns.

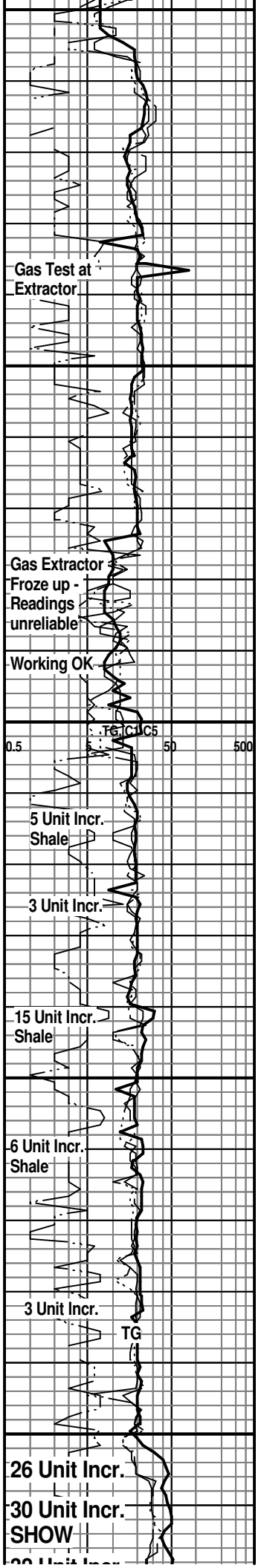
SH; dk gy-blk, platy, rarely pyr

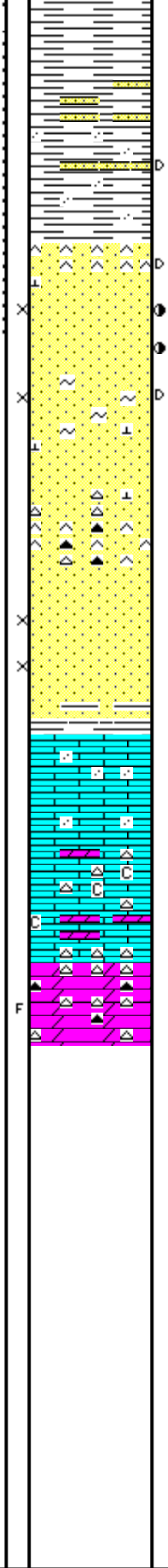
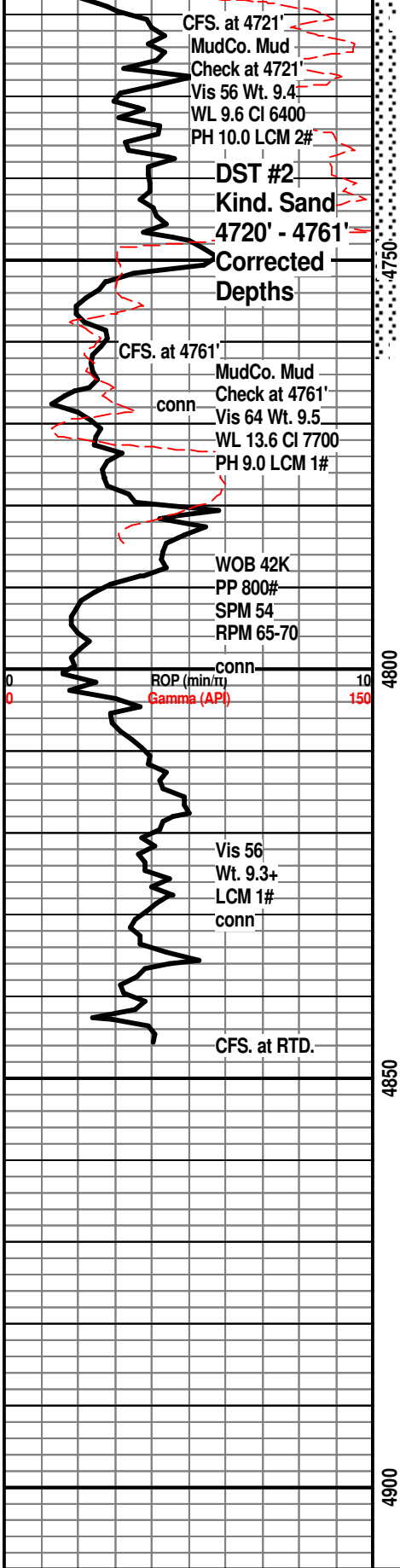
**PAWNEE 4620(-2441)**  
LM; tan to lt brn, fxln, much dense micrite, interbdd foss lmst - most well cem, trc frags, occ lt to med yel fluor, poor to no vis por, no stn or odor, ns.  
LM; tan to buff, lt gy brn, argil ip, scat small foss pellets, tite  
SH; blk, carb, trc gas, occ pyr

LM; lt to med brn, scat well cem foss, some dense - micritic, trc frags w/spar calc, dull yel fluor, no stn or odor, no gas kick, ns.

**CHEROKEE SHALE 4657(-2478)**  
SH; blk, dk gy, some varic, platy  
LM; tan to lt brn, fxln, few pcs w/spotted dk brn live oil stn, poor interxn w/p-p por, lt golden yel fluor, no odor, no gas kick  
LM; med brn, hd, most micritic, scat spar calc xtals, poss frags, dull yel fluor, scat blk tar/dead oil, no live shows, no odor  
SH; dk gy, trc blk, platy  
LM; lt brn, tan, fxln, poor interxn por, trc blk dead tar/gils, dull/ lt yel fluor, no odor, no kick  
SH; varic, platy, trc grn weath lmst, f gr qtz ss with dk brn oil sat, med yel fluor

**MISSISSIPPI CHERT 4700(-2521)**  
CHT; wh, off wh, lt gy, fresh and trip, some dolomitic cht, frags w/scat fair trip/vug por, med to occ brite yel fluor, sptd. med brn w/blk dead oil, Trc. F.O., gas bubbles, v. faint odor  
CHT; wh, off wh, fresh/trip, med yel fluor, scat frags, blk tar/gils, pred fresh chert, faint odor





**DST #1: Miss. Chert 4676' - 4721'**  
Corrected Depths to LOG  
SH; grn, sea grn, some partly waxy, interbdd vf to f gr shaly ss strngs, platy

SH; grn, gy grn, platy, interbdd vf to f gr. qtz ss w/blk dead oil/gilsonite, some sandy sh

**KINDERHOOK SAND 4748(-2569)**  
SS; lt gy, vf to f gr, hd, siliceous, no por, scat gil  
SS; lt gy, clr, most f gr qtz, clusters w/some med/cse loose gr, fair to occ gd intergran por, much blk tar/gils, med brn live oil stn w/SSFO, few gas bubbles, lt to med yel fluor, no odor

**DST #2: Kinderhook SS 4720' - 4761'**  
SS; clr, pale grn, lt gy, pred f gr qtz, clusters, scat dk blk barry flakes, minor glau, fair to occ gd intergran por, calc cmt, interbdd med gr clr qtz, trc. live oil stn, lt yel fluor, no odor, no gas kick

SS; off wh, pale yel, vf to f gr, most siliceous - very hd, interbdd rusty red/mauve fresh cherts, no vis por, ns.

SS; clr, wh, f to occ med gr qtz, gd intergran por, clusters, no fluor, no stn or odor, barren, no gas kick

**VIOLA 4808(-2629)**  
LM; rose red, off wh, v. sandy, much vf to g gr qtz in lmst mtx, well cem, blocky, no vis por, ns.

LM; wh, off wh, f to med xln/party sucrosic text, cherty w/transl, wh to lt dove gy cht, minor chalky mtx, no fluor, no stn or odor, no gas kick

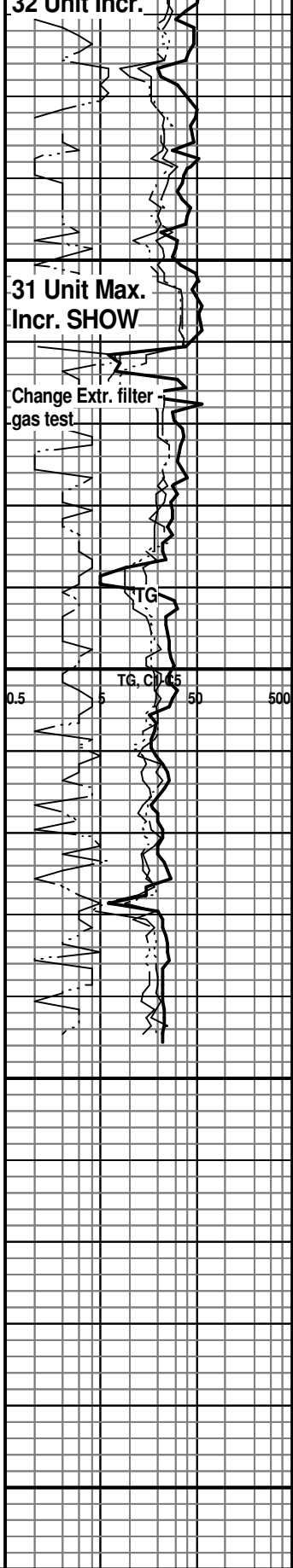
DOL; off wh, wh, sucrosic, occ soft chalky mtx, abnt off wh, wh, org and gy cht, all fresh cht, trc frags, dull yel fluor, no stn or odor, ns.

**RTD. 4850' at 4:15 PM. 1/4/2013**

**LTD. 4850'**

**Halliburton DIL, NEU/DEN, Microlog, Sonic**

**NOTE: This log was shifted upward by 4' for correlation purposes with the Halliburton LOGS.**





PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 01/01/2013
INVOICE NUMBER 1718 - 91085140		

**PAID**  
1-21-13  
FNB SA 9197

**Pratt** (620) 672-1201  
 B STRATA EXPLORATION  
 I PO Box: 401  
 L FAIRFIELD  
 L IL US 62837  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Hamblin Trust 1-10  
 O LOCATION  
 B COUNTY Kiowa  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40549581	27463		Net - 30 days	01/31/2013

**For Service Dates: 12/28/2012 to 12/28/2012**

0040549581

171807085A Cement-New Well Casing/Pi 12/28/2012  
 Cement 8 5/8" Surface

LEASE #	LEV	P/P
1/4 HAMBLIN TRST 1	5	1/4
DES		A/P
CEMENT SURFACE		1/10
DRL	COM	LOE
X		G/L
		71730 / 9450 <sup>69</sup>
		D/D

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
A-Con Blend Common	175.00	EA	13.50	2,362.35 T
Common Cement	175.00	EA	12.00	2,099.86 T
Celloflake	88.00	EA	2.77	244.18 T
Calcium Chloride	825.00	EA	0.79	649.64 T
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	168.74	168.74
"8 5/8"" Guide Shoe (Red)"	1.00	EA	412.47	412.47
"Baffle Plate Alum., 8 5/8"" (Blue)"	1.00	EA	127.49	127.49
"8 5/8"" Basket (Blue)"	1.00	EA	236.23	236.23
"Unit Mileage Chg (PU, cars one way)"	35.00	MI	3.19	111.56
Heavy Equipment Mileage	70.00	MI	5.25	367.48
"Proppant & Bulk Del. Chgs., per ton mil	578.00	EA	1.20	693.55
Depth Charge; 501'-1000'	1.00	EA	899.94	899.94
Blending & Mixing Service Charge	350.00	BAG	1.05	367.48
Plug Container Util. Chg.	1.00	EA	187.49	187.49
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.24	131.24

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	9,059.70
<b>BASIC ENERGY SERVICES, LP</b>	<b>BASIC ENERGY SERVICES, LP</b>	<b>TAX</b>	390.99
<b>PO BOX 841903</b>	<b>801 CHERRY ST, STE 2100</b>	<b>INVOICE TOTAL</b>	9,450.69
<b>DALLAS, TX 75284-1903</b>	<b>FORT WORTH, TX 76102</b>		



10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 07085 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <i>12-28-12</i>		DISTRICT <i>KANSAS</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER <i>Strata Exploration LLC</i>		LEASE <i>Hamblin Trust #1-10</i> WELL NO.								
ADDRESS		COUNTY <i>KIOWA 10-27-18</i> STATE <i>KANS</i>								
CITY		STATE		SERVICE CREW <i>Allen, Joe, Steve</i>						
AUTHORIZED BY		JOB TYPE: <i>8 5/8" Surface</i>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<i>28443 P.U.</i>	<i>1</i>						<i>12-28-12</i>			<i>420</i>
<i>27463 Pt</i>	<i>1</i>					ARRIVED AT JOB	<i>12-28-12</i>			<i>450</i>
<i>19960-73788</i>	<i>1</i>					START OPERATION	<i>12-28-12</i>			<i>1030</i>
						FINISH OPERATION	<i>12-28-12</i>			<i>1130</i>
						RELEASED	<i>12-28-12</i>			<i>1200</i>
						MILES FROM STATION TO WELL	<i>3.5 mile</i>			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	A-CON Blend Common	SK	175		\$ 3150.00
CP100C	Common	SK	175		\$ 2800.00
CC102	CELL FLAKE	lb	88		\$ 325.60
CC109	Calcium Chloride	lb	825		\$ 866.25
CF106	Top Rubber cement Plug 8 5/8"	EA	1		\$ 375.00
CF203	8 5/8" Guide Shoe Red	EA	1		\$ 550.00
CF703	8 3/8" Baffle Plate "Blue"	EA	1		\$ 170.00
CF1903	8 5/8" Basket Blue	EA	1		\$ 315.00
E100	Unit mileage charge P.U.	mi	35		\$ 146.25
E101	Heavy Equip mileage chg	mi	70		\$ 490.00
E113	Bulk Del. Charge	TW	578		\$ 924.00
EE201	Depth Charge 501-1000	4-hr	1		\$ 1200.00
CF240	Blending + mixing Service chg	SK	350		\$ 490.00
CE504	Plug container Utilization chg	JOB	1		\$ 250.00
S003	Service Supervisor First 8hrs	EA	1		\$ 175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		<i>DLS</i>	\$ 9,059.70
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE <i>Allen f Ward</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

Customer <i>Santa Explor. Inc</i>	Lease No.	Date <i>12-28-12</i>			
Lease <i>Hamblin</i>	Well # <i>1-10</i>				
Field Order # <i>07085A</i>	Station <i>Pratt</i>	Casing <i>8 5/8"</i>	Depth <i>566'</i>	County <i>Iowa</i>	State <i>KS</i>
Type Job <i>8 5/8" Surface</i>	<i>CNW</i>	Formation <i>TD 567</i>	Legal Description <i>10-27-18</i>		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8"</i>	Tubing Size	Shots/Ft		Acid <i>175 SKS A-con @ 12#</i>	RATE	PRESS	ISIP	
Depth <i>566'</i>	Depth	From	To	Pre Pad <i>175 SKS common 2%OCC, 1/4" C.F @ 15.6#</i>	Max		5 Min.	
Volume <i>33</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>300#</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>P.C</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>574</i>	Packer Depth	From	To	Flush <i>Disp 1120</i>	Gas Volume		Total Load	

Customer Representative <i>Elwood - Tool Pusher</i>	Station Manager <i>Scotty</i>	Treater <i>Allen</i>
Service Units <i>28443 27463</i>	<i>Steve Young</i>	
Driver Names <i>Allen Joe 19960 73786</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:30 AM					ON Loc. Discuss Safety, Setup, Plan to
6:40					start out of Hole w/ Bit
7:15					start Back in Hole w/ Bit, Short Trip
7:45					CIR @ 567' w/ Rig
8:30					start out of w/ Bit
					out of Hole, Rig up to Row
					8 5/8" casing 23#
9:20					start 8 5/8" csg. Basket + 120'
10:30					CASING @ 566' CIR w/ Rig
10:40	200#		77	5	mix + pump 175 SKS A-con @ 12#
				5	mix + pump 175 SKS common
					2%OCC 1/4" C.F @ 15.6#
			37 1/2		Finish mix
					Release Top Rubber Plug. 8 5/8"
11:20				5	Start Disp.
11:30	300#		33	2	Plug down
					shut in @ well
					Release PSI, knock loose
					washup + Rack up Equip.
					Job complete
					thanks Allen, Joe, Steve
					Cement to Pit



PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	01/08/2013
INVOICE NUMBER		
1718 - 91090432		

**PAID**  
1-21-13  
FNB SA 9197

Pratt (620) 672-1201  
 B STRATA EXPLORATION  
 I PO Box: 401  
 L FAIRFIELD  
 L IL US 62837  
 T  
 O ATTN: ACCOUNTS PAYABLE

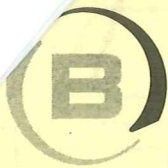
J LEASE NAME Hamblin Trust 1-10  
 O LOCATION  
 B COUNTY Kiowa  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40551595	19905		Net - 30 days	02/07/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 01/05/2013 to 01/05/2013</b>				
0040551595				
171807091A Cement-New Well Casing/Pi 01/05/2013				
Cement PTA				
60/40 POZ	170.00	EA	9.00	1,530.13 T
Cement Gel	294.00	EA	0.19	55.13 T
"Unit Mileage Chg (PU, cars one way)"	35.00	MI	3.19	111.57
Heavy Equipment Mileage	70.00	MI	5.25	367.53
"Proppant & Bulk Del. Chgs., per ton mil	257.00	EA	1.20	308.42
Depth Charge; 1001'-2000'	1.00	EA	1,125.09	1,125.09
Blending & Mixing Service Charge	170.00	BAG	1.05	178.51
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.26	131.26

LEASE	1/4 HAMBLIN TEST #1	LEV	5 1/13
DES	CEMENT - PLUG WELL	A/P	1/16
DRL	X	G/L	71890/3923.36

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,807.64
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	115.72
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	3,923.36
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 07091 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <i>1-5-13</i> DISTRICT <i>KANSAS</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <i>Strata Exploration</i>		LEASE <i>Hamblin Trust #1-10</i> WELL NO.:								
ADDRESS		COUNTY <i>Kiowa 10-27-18</i> STATE <i>KANSAS</i>								
CITY STATE		SERVICE CREW <i>Allen, Mike Mathaly, Steve</i>								
AUTHORIZED BY		JOB TYPE: <i>PTA</i> <i>CNW</i>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<i>28443 P.U.</i>	<i>1 1/2</i>					<i>1-5-13</i>	<i>1-5-13</i>			<i>330</i>
<i>19903-19903</i>	<i>1 1/2</i>					ARRIVED AT JOB	<i>1-5-13</i>			<i>530</i>
<i>19886-21010</i>	<i>1 1/2</i>					START OPERATION	<i>1-5-13</i>			<i>1000</i>
						FINISH OPERATION	<i>1-5-13</i>			<i>1130</i>
						RELEASED	<i>1-5-13</i>			<i>1230</i>
						MILES FROM STATION TO WELL				<i>35-mile</i>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<i>CP103</i>	<i>60/40 Poz</i>	<i>SK</i>	<i>170</i>		<i>\$ 2040 00</i>
<i>CC200</i>	<i>Cement Gel</i>	<i>lb</i>	<i>294</i>		<i>\$ 73 50</i>
<i>E100</i>	<i>unit mileage charge P.U.</i>	<i>mi</i>	<i>35</i>		<i>\$ 148 75</i>
<i>E101</i>	<i>Heavy Equip. mileage</i>	<i>mi</i>	<i>70</i>		<i>\$ 490 00</i>
<i>E113</i>	<i>Bulk Delivery Charge</i>	<i>TR</i>	<i>257</i>		<i>\$ 411 60</i>
<i>CE202</i>	<i>Depth Charge 1001-2000</i>	<i>4-hr</i>	<i>1</i>		<i>\$ 1500 00</i>
<i>CE240</i>	<i>Blending &amp; mixing service chg.</i>	<i>SK</i>	<i>170</i>		<i>\$ 231 00</i>
<i>S003</i>	<i>Service Supervisor first 8 hrs</i>	<i>EA</i>	<i>1</i>		<i>\$ 175 00</i>

SUB TOTAL *DLS* *\$ 3807 64*

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *Allen F. Wirth* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>Strata Exploration</i>	Lease No.	Date
Lease <i>Hamblin Trust</i>	Well # <i>1-10</i>	<i>1-5-13</i>
Field Order # <i>07091</i>	Station <i>Pra H</i>	Casing
Type Job <i>PTA</i>	Formation <i>CNW</i>	Depth
		County <i>kiowa</i>
		State <i>KS</i>
		Legal Description <i>10-27-18</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
				<i>SKs 60/40 Per 40%</i>			<i>@ 13.8 #</i>	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>ABALOO "TP"</i>	Station Manager <i>scotty</i>	Treater <i>Allen</i>
Service Units <i>28443 19903 19905 19886 21010</i>		
Driver Names <i>Allen Mike Mathl Steve young</i>		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>530 AM</i>					<i>on Loc. Discuss Safety, Setup, Plan Job</i>
					<i>Rig Running O.P. IN Hole</i>
<i>630</i>					<i>Lay down Kelly - Lay down O.P.</i>
<i>945</i>					<i>Start BACK IN Hole w/ Plugging Stols</i>
					<i>1st Plug @ 1080 w/ 50 SKs @ 13.8</i>
<i>1000</i>			<i>15</i>	<i>4</i>	<i>Pump 15 BBL H2O</i>
			<i>13</i>	<i>4</i>	<i>mix + Pump 50 SKs</i>
			<i>3</i>	<i>3</i>	<i>Pump 3 BBL H2O spacer</i>
			<i>8</i>		<i>Pump 8 BBL mud</i>
<i>1020</i>					<i>Pull Drill Pipe</i>
<i>1030</i>					<i>2nd Plug @ 600 w/ 50 SKs 13.8 #</i>
			<i>10</i>	<i>4</i>	<i>Pump 10 BBL H2O</i>
			<i>13</i>	<i>4</i>	<i>mix + Pump 50 SKs</i>
			<i>2</i>	<i>4</i>	<i>Pump 2 BBL H2O (Pull Drill Pipe)</i>
<i>1055</i>			<i>5</i>		<i>3rd Plug 60' To surface - 20 SKs</i>
<i>1105</i>			<i>7 1/2</i>		<i>4th Plug Rat Hole 30 SKs</i>
<i>1110</i>			<i>5</i>		<i>5th Plug Mouse Hole 20 SKs</i>
<i>1120</i>					<i>wash up + Rack up Equip.</i>
<i>1230</i>					<i>Job complete</i>
					<i>Thanks Allen Mike Steve</i>



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

February 09, 2013

John R Kinney  
Strata Exploration, Inc.  
PO BOX 401  
FAIRFIELD, IL 62837-0401

Re: ACO1  
API 15-097-21741-00-00  
Hamblin Trust 1-10  
NE/4 Sec.10-27S-18W  
Kiowa County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
John R Kinney