



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1083172
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: _____

1083172

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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LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: Robertson #2-33
Location: 990' FNL & 2300' FEL, Sec. 33-T27S-R18W, Kiowa Co., KS.
Licence Number: 15-097-21718-0000 Region: Greensburg SW
Spud Date: 3/3/2012 Drilling Completed: 3/12/12
Surface Coordinates: 990' FNL & 2300' FEL, Sec. 33-T27S-R18W

Bottom Hole Same as above
Coordinates:
Ground Elevation (ft): 2194' K.B. Elevation (ft): 2205'
Logged Interval (ft): 3700' To: 4860' Total Depth (ft): 4900'
Formation: Kinderhook at TD.
Type of Drilling Fluid: Freshwater/Gel to 3293'; Chemical Gel 3293' to 4900'

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(Cherokee Lmst. - Miss. Chert) 4742' - 4786'(Corrected Depths to LOG) Test Times 15"-45"-60"-120" IFP Strong Blow BOB/30 Sec. Gas to Surface in 7 Min., Weak Surface Blowback on ISI; FFP Strong BOB Blow, Gas to Surface throughout Gauged Max. 32.4 MCFG, Stabilized at 27.6 MCFG/60 Min. of FFP; 5" Blowback on FSI; REC: 290' CGO(20%G, 80%O) API 39 Deg., 10' GOCM(40%G, 35%O, 25%M), no Water; IFP 80-47#, ISIP 1355#, FFP 62-101#, FSIP 1352#, IHP 2328#, FHP 2363#, BHT 125 Deg. F.

Comments

3/3/12 MIRU Sterling Drilling Rig #2, Spud at 6:00 PM.; 3/4/12 TD. 587' - CCH prior to Wiper Trip; 3/5/12 Drilling at 835'; 3/6/12 Drilling at 2451'; 3/7/12 Drilling at 2821'; 3/8/12 Drilling at 3591'; 3/9/12 TD. 4223' - CFS; 3/10/12 Drilling at 4555'; 3/11/12 TD. 4788' - Short trip for DST #1; 3/12/12 TD. 4860' - TOH for Logs - LTD. 4860'; 3/13/12 DDTD. 4900' - Running 5 1/2" Production Casing.

Set new 8 5/8"(23#) Surface Casing at 580' w/ 475 sx. Cement did Circulate(Basic Energy Services). PD. at 12:45 PM. 3/4/12. Cement fell 8' below GL, add 25 sx. dry cement to top off.

Set new 5 1/2"(15.5#) Production Casing at 4894' w/200 sx. of "Strata Blend" cement(Basic Energy Services). PD. 10:40 AM. 3/13/12.

Surveys: 0.5 Deg. at 587'(Surface Casing); 0.5 Deg. at 4788'(DST #1); 0.75 Deg. at 4860'.


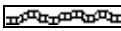
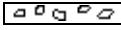
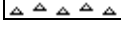
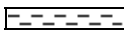







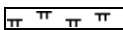

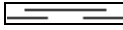
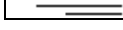




Pipe Strap at 4788'(DST #1): Strap 0.62' Short to the Board, no correction made to the Board.

After review of the Halliburton Logs, DST data, structural position and positive indications of commercial amounts of recoverable hydrocarbons, the operator elected to set new 5 1/2" (15.5#) Production Casing for completion in the Kinderhook Sand, Miss. Chert and Cherokee Lmst. zones.








































































NOTE: After the Robertson #2-33 was logged, the well was deepened to 4900' DDTD. Also, while Halliburton was logging the well, the logging tools were stuck/hungup at the base of the 8 5/8" Surface Casing, apparently due to a large washout hole condition. Due to this problem, the MIRL log was not run on the well, as previously planned.

LOG TOPS: Chase 2439(-234), Stotler Lmst. 3393(-1188), Howard 3592(-1387), Heebner Shale 4042(-1837), Toronto 4055(-1850), Brown Lmst. 4194(-1989), Lansing 'A' 4206(-2001), Lansing/KC. 'H' 4363(-2158), KC. 'I' 4410(-2205), Stark Shale 4498(-2293), Base Kansas City 4598(-2393), Marmaton 4638(-2433), Pawnee 4681(-2476), Cherokee Shale 4719(-2514), Miss. Chert 4760(-2555), Kinderhook Shale 4784(-2579), Kinderhook Sand 4819(-2614).

ROCK TYPES

 Anhy  Bent  Brec  Cht	 Clyst  Coal  Congl  Dol	 Gyp  Igne  Lmst  Meta	 Mrlst  Salt  Shale  Shcol	 Shgy  Sltst  Ss  Till
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ACCESSORIES

MINERAL  Anhy  Arggrn  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Feldspar  Ferrpel  Ferr  Glau	 Gyp  Hvymin  Kaol  Marl  Minxl  Nodule  Phos  Pyr  Salt  Sandy  Silt  Sil  Sulphur  Tuff	FOSSIL  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite	 Ostra  Pelec  Pellet  Pisolite  Plant  Strom STRINGER  Anhy  Arg  Bent  Coal  Dol  Gyp  Ls  Mrst	 Sltstrg  Ssstrg TEXTURE  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
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OTHER SYMBOLS

- POROSITY**
 [E] Earthy
 [F] Fenest
 [X] Fracture
 [Inter] Inter
 [Moldic] Moldic
 [Organic] Organic
 [Pinpoint] Pinpoint

[V] Vuggy

- SORTING**
 [W] Well
 [M] Moderate
 [P] Poor

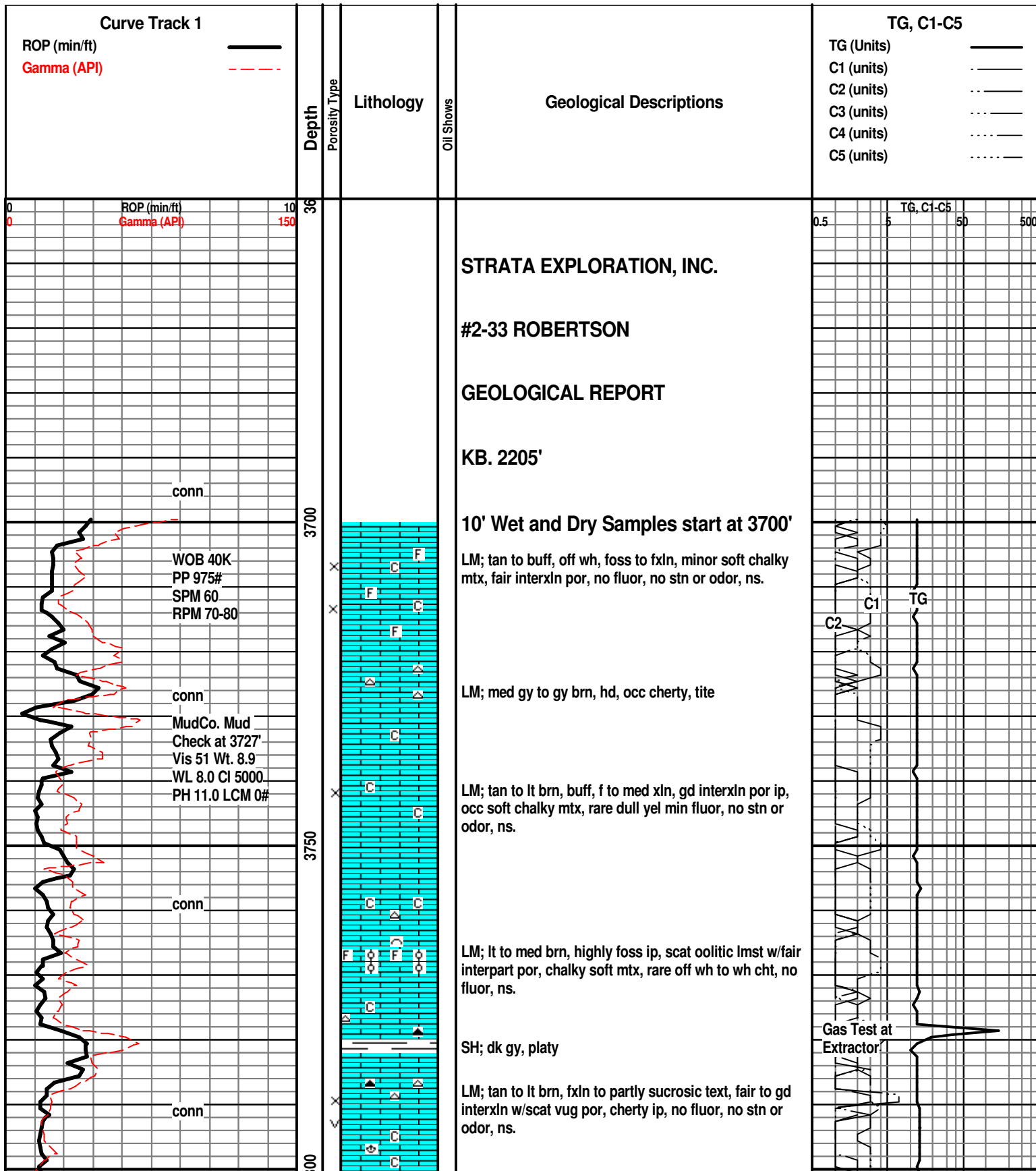
- ROUNDING**
 [R] Rounded
 [Subrnd] Subrnd
 [Subang] Subang
 [Angular] Angular

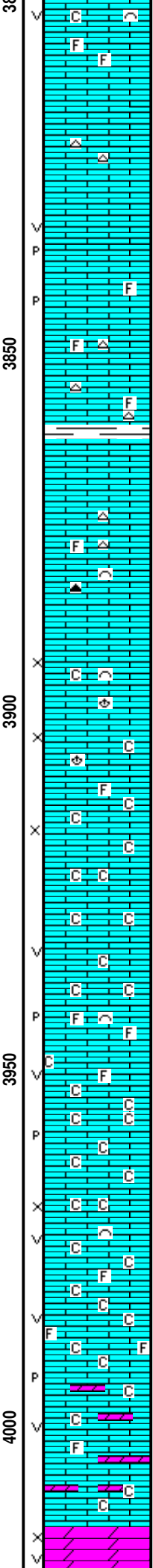
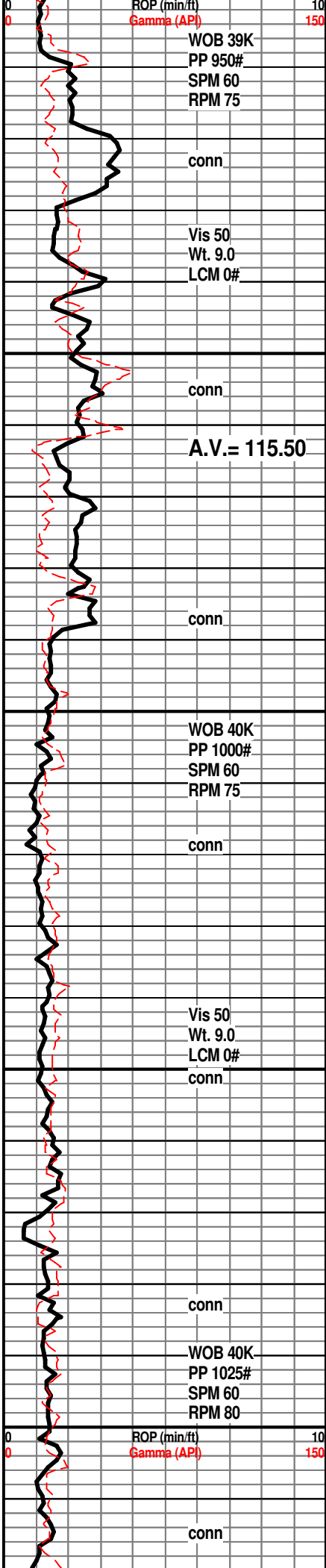
OIL SHOW
 [Even] Even

- [Spotted] Spotted
 [Ques] Ques
 [Dead] Dead

- INTERVAL**
 [Core] Core
 [Dst] Dst

- EVENT**
 [Rft] Rft
 [Sidewall] Sidewall





LM; lt brn, off wh, med to cse xln, much gd interxln w/vug por, scat foss mat, occ lt yel fluor, chalky mtx ip, no stn or odor, ns.

LM; tan to lt gy brn, hd, micritic, cherty ip, tite

LM; lt gy, lt gy brn, lt brn, f to med xln, scat vug and p-p por, dull yel min fluor, no stn or odor, ns.

LM; lt brn, tan, foss ip, most well cem, scat gy to off wh occ foss cht, no vis por, no fluor, ns.

SH; med gy to grn, platy

LM; lt to med brn, most dense, foss ip, hd, blocky, scat tan to dk gy cht, ns.

LM; tan to lt brn, f to med xln, scat cse spar calc xtals, minor soft chalky mtx, gd interxln por, interbdd foss lmst, lt yel fluor, no stn or odor, ns.

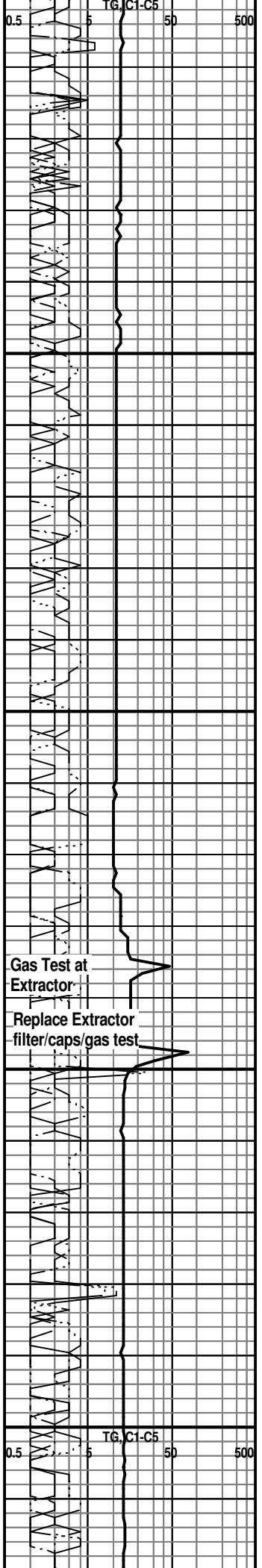
LM; tan to buff, lt brn, med to occ cse xln, much soft chalky mtx, lt yel min fluor, no stn or odor, ns.

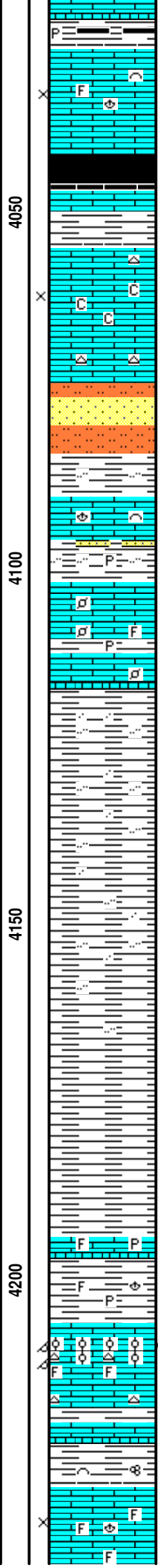
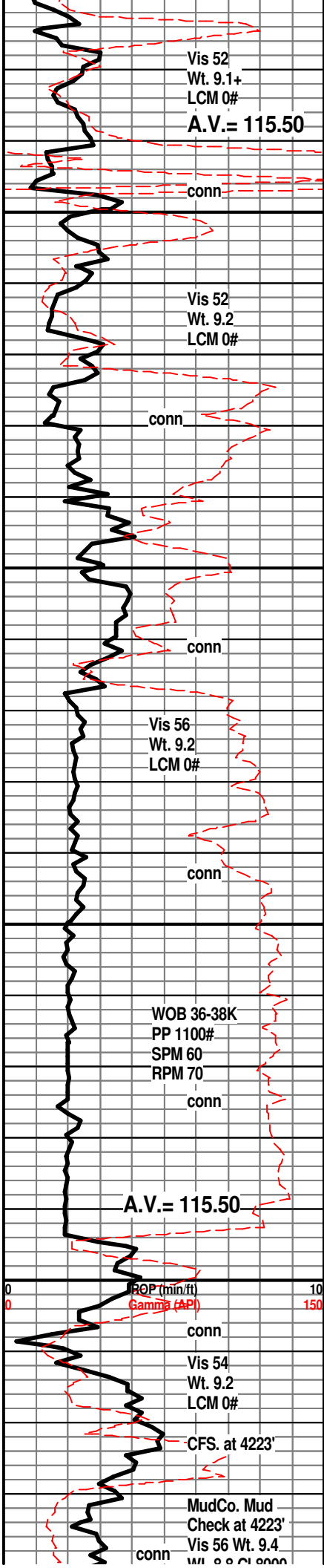
LM; tan to lt brn, buff, foss ip, scat med xln to gran text, occ gd vug and p-p por, lt yel min fluor, much soft chalky mtx, no stn or odor, ns.

LM; lt brn, buff, tan, f to med xln, foss ip, scat v. gd vug and p-p por, much soft chalky mtx, dull to lt yel min fluor only, occ cse spar calc xtals, no stn or odor, ns.

LM; tan to lt brn, cse xln, dolomitic, some med rhombic, scat well dev. vug por, occ cse spar calc, lt yel min fluor, ns.

DOL; tan to buff, lt brn, rare lt gy, sucrosic to finely rhombic, scat cse opaque calc/rhombs, fair to gd interxln w/vug por, lt yel fluor, ns.





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

LM; tan to lt gy, fxl, scat foss mat, lt yel min fluor, some fair interpart por, no stn or odor, ns.

HEEBNER SHALE 4042(-1837)
SH; blk, carb ip, platy
LM; med brn, hd, blocky, tite

TORONTO 4055(-1850)
LM; off wh, lt gy, tan, fxl, much soft chalky mtz ip, scat sucrosic text, dolomitic ip, lt to med yel fluor, no vis stn, no odor, occ wh to off wh cht, ns.

DOUGLAS SHALE 4074(-1869)
SLTST & SS; lt gy, occ mica, most vf gr qtz, poor intergran por, tite
SH; lt to med gy, silty
LM; med to dk brn, foss, hd, blocky
SH; lt gy, silty, platy, interbdd hd vf gr ss strngs, occ pyr
LM; med to dk brn, dense, abnt foss pellets and hash, no vis por, ns.
SH; lt gy, silty to occ sandy, platy

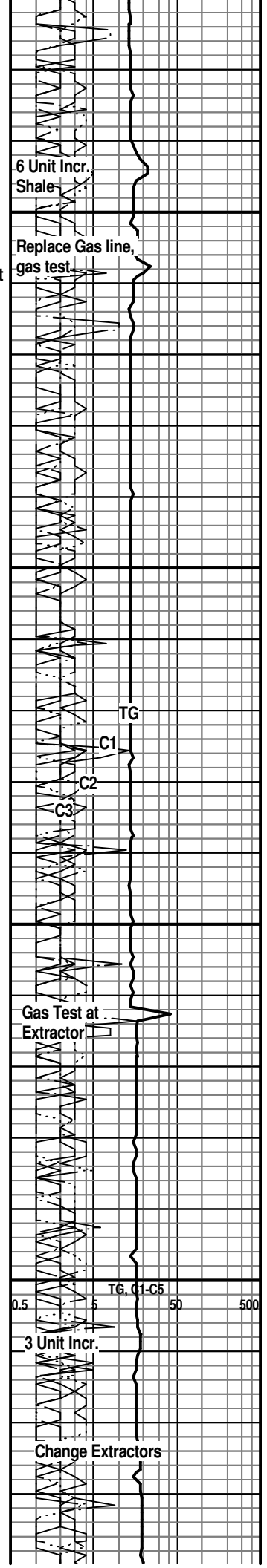
SH; lt gy, platy, silty to rarely sandy

SH; lt to med gy, most smooth, platy to flakey

BROWN LMST. 4194(-1989)
LM; med to dk brn, foss ip, dense, pyr ip, hd
SH; med gy to grn, foss ip, v. firm, occ pyr

LANSING 'A' 4206(-2001)
LM; lt brn, tan, foss - oolitic, poor to gd oomoldic por, med yel fluor, occ oolitic cht, trc lt brn oil stn, no FO., questionable odor, trc gas bubbles, much/most looks tite - poor show at best
SH; dk gy to gy grn, platy, foss ip.

LANSING 'B' 4229(-2024)
LM; tan to buff, fxl w/scat foss mat, fair to poor interpart por, dull yel fluor, questionable gas bubbles, no vis stn, no odor, ns.



WL 8.8 Cl 8000
PH 10.0 LCM 0#

CFS. at 4253'

conn
WOB 40K
PP 950#
SPM 55
RPM 70

conn

Vis 50
Wt. 9.3+
LCM 0#

conn

conn
WOB 40K
PP 1000#
SPM 57
RPM 65-70

Vis 53
Wt. 9.3
LCM 0#

conn

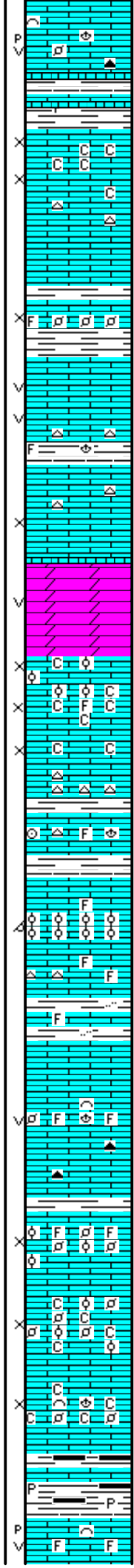
0 10
0 150
BOP (psi/ft)
Gamma (API)

CFS. at 4420'

conn

Vis 52
Wt. 9.3
LCM 0#

4250
4300
4350
4400
4450



LM; tan to lt gy, foss ip, fairly well dev. vug por, some rextalized, occ lt yel fluor, no vis stn, no odor, slight gas kick only

SH; med to dk gy, platy, occ foss

LM; tan to buff, lt brn, f to med xln, fair interxln por, occ chalky mtx, dull yel to no fluor, no stn or odor, ns.

LM; med brn, gy brn, hd, blocky

LM; tan to lt brn, foss, occ finely pelletal, most well cem, trc poor interpart por, scat lt yel min fluor, no stn or odor, ns.

LM; lt brn, buff, sucrosic to fxln, scat vug por, lt to med yel min fluor, no vis stn, no odor, ns.

SH; med gy, grn, foss ip, platy

LM; lt to med brn, gy brn, interbdd dolomitic lmst w/fair interxln por, occ cherty, dull yel fluor, no stn or odor, ns.

DOL; lt brn, tan, lt gy, sucrosic, fair interxln and vug por, lt yel fluor, no stn, ns.

LM; tan to off wh, buff, foss - oolitic ip, fair interpart por, some sucrosic text, minor soft chalky mtx, spotty lt yel min fluor, no stn or odor, ns.

LM; tan to cream, buff, off wh, med to occ cse xln, spar calc xtals, soft chalky mtx, fair interxln por, lt yel min fluor, occwh to off wh cht, ns.

LM; med brn, hd, occ cherty, foss ip, tite

LANSING/KC. 'H' 4363(-2158)

LM; lt brn, oolitic, most small to med size molds, brittle ip, dull yel min fluor, no stn or odor, no gas kick, ns.

LM; tan to off wh, buff, foss ip, most dense, interbdd gy/tan cht, no vis por, ns.

SH; med gy, grn, fiss, occ silty

LM; tan to lt brn, buff, foss ip, rare small vug por, most dense, no fluor, no stn or odor, scat dk gy to smoky cht, ns.

KC. 'I' 4410(-2205)

LM; lt gy brn, lt brn, finely pelletal/partly oolitic, small pellets, loosely cem, fair/some gd interpart por, dull yel fluor, no stn, no gas kick

LM; tan to off wh, buff, finely pelletal to partly oolitic, fair interpart por, soft chalky mtx ip, dull yel min fluor, no stn or odor, no gas kick

LM; off wh, tan, foss - finely pelletal, some foss hash, much soft chalky mtx, poor to fair interpart por, dull yel/no fluor, no stn/odor, ns.

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

KC. 'J' DENNIS 4453(-2245)

LM; off wh, wh, foss ip, most fxln w/scat vug and occ

3 Unit Incr.

TG

C1

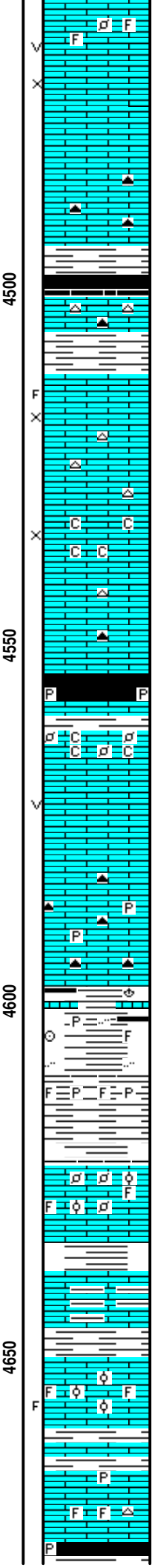
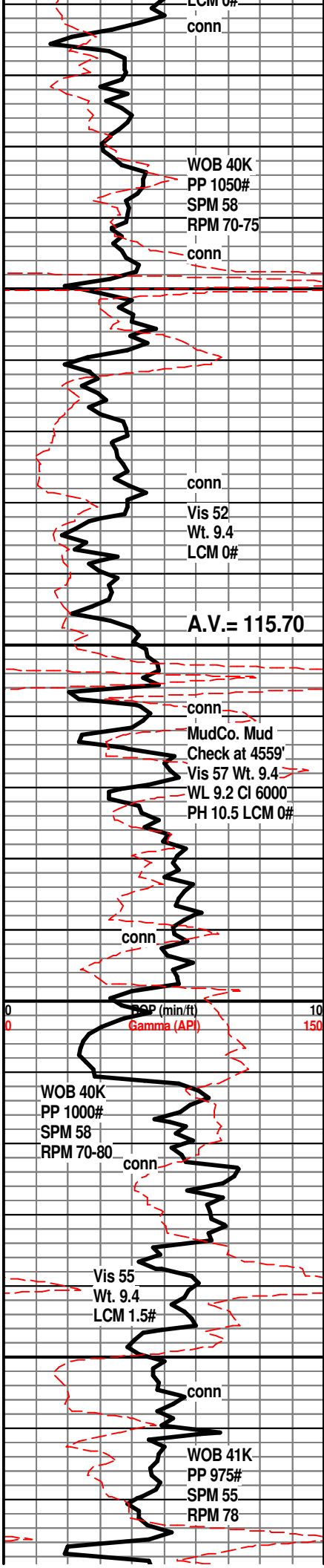
C2

C3

C4

Gas Test at Extractor

0.5 5 50 500
TG, C1-C5



pp por, some sacrosic text, minor chalky mtz, dull to
occ lt yel fluor, no vis stn, no odor, no gas kick

LM; tan to lt brn, foss ip, fair to gd interpart w/occ vug
por, lt yel fluor, no vis stn, ns.

LM; med brn, gritty text ip, dense, scat dk gy to smoky
cht, no vis por, tite

STARK SHALE 4498(-2293)
SH; blk, platy, carb ip
LM; tan to lt brn, hd, blocky, scat amber/tan cht

SWOPE 4512(-2307)
LM; tan to lt brn, rare lt gy brn, fxln, trc blk dead tar/gils.
on few pcs, poor interxln por, scat lt to med yel fluor,
trc fracs, no odor, no live shows

LM; off wh, wh, tan, med xln, fair interxln por, much soft
chalky mtz, lt to occ med yel fluor, trc. dk brn dead oil
stn, no live shows

LM; tan to lt brn, hd, micritic, occ cherty

SH; blk, carb ip, occ pyr, trc gas

HERTHA 4562(-2357)
LM; tan/cream, off wh, finely pelletal, interbdd partly
chalky mtz, fair interpart por, dull yel fluor, no vis stn,
no odor, ns.
LM; med brn, cse xln, fair interxln por, rare vug por, v.
dull yel min fluor, no vis stn, no odor, ns.

LM; med to dk brn, occ dk gy, gritty text ip, occ pyr,
interbdd dk gy/smoky cht, tite

BASE KANSAS CITY 4598(-2393)
SH; varic, dk gy - blk, maroon, grn, rust red, rarely silty,
platy to flakey, occ foss

SH; varic: grn, rust red, cinammon brn, yel, flakey,
interbdd hd lmy occ pyr sh.

PLEASANTON 4623(-2418)
LM; off wh, tan, lt brn, v. foss ip, most well cem, scat
pelletal/party oolitic lmsst, lt to med yel min fluor, no vis
por, no stn or odor, ns.

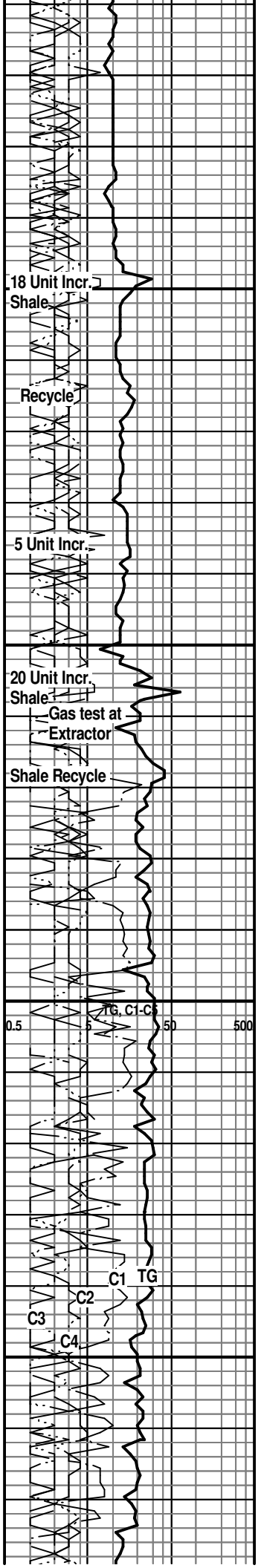
SH; varic: gy, grn, yel, platy to flakey

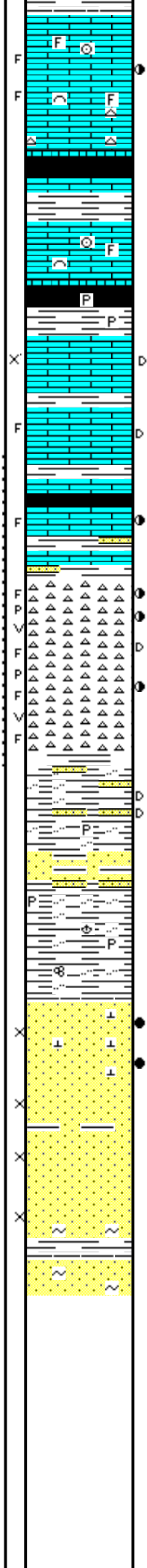
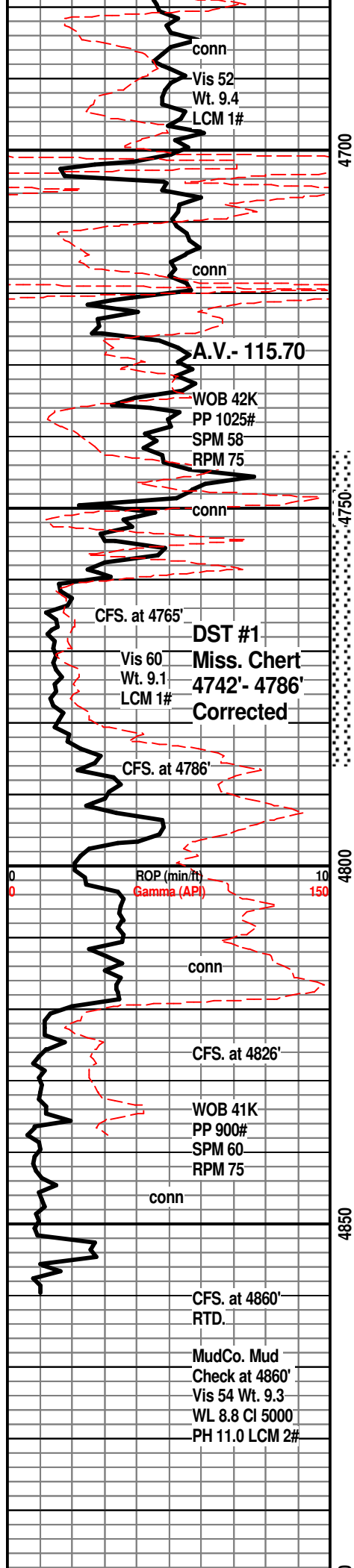
MARMATON 4638(-2433)
LM; lt brn, occ grn tint - argil ip, most micritic, scat spar
calc xtals, dull yel fluor, ns.

LM; tan to cream, buff, foss ip, occ well cem
pellets/ooids, no vis por, interbdd hd micrite, no fluor,
occ calc fld fracs, ns.

LM; tan to buff, fxln, scat foss mat, most dense, poor to
no vis interpart por, no fluor, scat tan to amber cht, ns.

SH; blk, dk gy, carb ip, occ pyr





PAWNEE 4681(-2476)
LM; tan to lt brn, foss ip, most dense - micritic, trc frags w/spotted dk brn oil stn, scat lt yel fluor, faint/flashy odor, weak/no cut, most with no sample shows

SH; blk, carb, blocky, hd, gassy ip.
LM; med brn, blocky, dense

LM; tan to lt brn, rare gy brn, most micritic, hd, scat foss - well cem, no vis por, ns.

CHEROKEE SHALE 4719(-2514)
SH; blk, dk gy, some grn, lt gy, soft, pyr ip.

LM; tan to off wh, lt brn, fxl, scat frags w/blk tar/gils, occ lt yel fluor, no live shows, most tite

LM; lt to med brn, blocky, most micritic, scat blk tar/gils, trc frags, spotted lt yel fluor, no live shows, no odor

LM; off wh, tan, buff, fxl, scat dk brn/blk residual oil, trc live oil stn-fracs, no odor, lt yel fluor, trc med gr qtz rnd ss - loose gr

MISSISSIPPI CHERT 4760(-2555)
CHT; wh, lt blue gy, most fresh, occ trip, scat lt brn oil stn, frags w/edge stn, scat med yel fluor, trip has fair p-p/vug por, SSFO, gas bubbles

CHT; wh, yel, rare org, most fresh, scat blk tarry dead oil, frags, rare trip w/lt brn live oil stn, spotted med yel fluor, no odor, gas bubbles

CHT; wh, lt blue, gy, yel, most fresh, frags, rare trip cht, occ vugs, med yel fluor, v. faint gas odor, few gas bubbles, spotted lt/med brn stn

KINDERHOOK SHALE 4784(-2579)
DST #1: Miss. Chert 4742' - 4786'
Corrected Depths to LOG
SH; med gy, gy grn, platy, silty ip w/interbdd vf to f gr grn qtz ss strngs w/blk dead oil flakes
SS; wh, pale grn, vf to f gr qtz, soft, shaly ip, fri, clusters, no fluor, no stn or odor, ns.

SH; med gy, gy grn, silty to occ sandy, foss ip, occ pyr

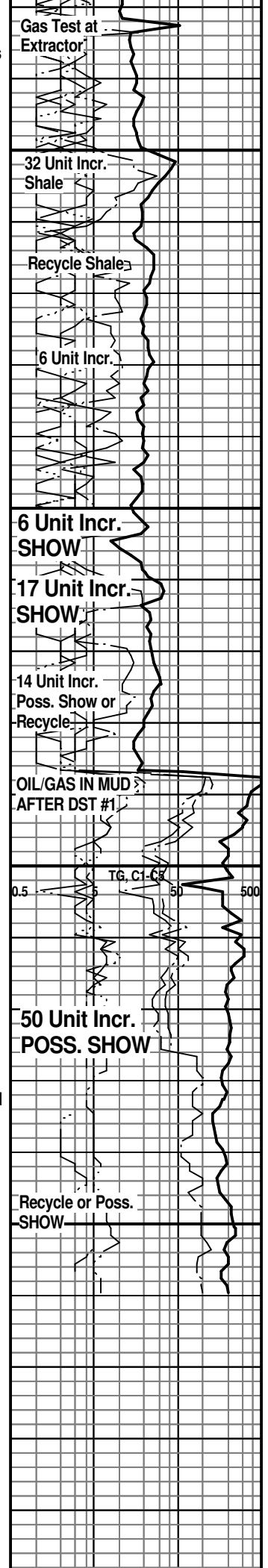
KINDERHOOK SAND 4819(-2614)
SS; clr, wh, lt gy, all f gr qtz, clean, fri, clusters, WENT BACK TO DRILLING, ENCOUNTERED AN OIL STAINED TO OIL SATURATED SAND IN THE LOWER SAMPLES - MAY HAVE LARGE WASHOUT UPHOLE PREVENTION SAMPLES TO GET TO THE SURFACE, gd intergran por, med golden yel fluor, SFO, gd cut, fair to gd oil odor, trc gas bubbles

SS; clr, wh, f gr qtz, clusters, gd intergran por, v. spotted lt brn stn, some barren unstained sand, occ glau, interbdd shaly tite ss

RTD. 4860' at 4:30 AM. 3/12/12

LTD. 4860'
Halliburton DIL, NEU/DEN w/PE,
Microlog

NOTE: DRILLED DEEPER TO 4900' DDTD. AFTER LOGS WERE RUN.





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET

1717 02622 A

DATE _____ TICKET NO. _____

DATE OF JOB: 3-4-12		DISTRICT: 17117		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: Smith's Exploration				LEASE: Robertson				WELL NO.:			
ADDRESS:				COUNTY: Rice				STATE: K-			
CITY:				STATE:				SERVICE CREW: [unclear]			
AUTHORIZED BY: T. D. [unclear] JRB				JOB TYPE: 744 5th Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME	
4455	3	1201	30				3-4			08:00	
28118	30	1208	30				3-4			08:00	
19742	30						3-4			11:30	
16464	30						3-4			11:45	
37597	30						3-4			14:10	
						MILES FROM STATION TO WELL	168				

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: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL106	Acid - 1 lb	-K	275		3575 00
CL110	Premium Plug	-K	200		3260 00
CC102	Cellulose	-lb	119		440 30
CC109	Calcium Chloride	-lb	1096		1150 80
CF105	Top Plug	EA	1		225 00
CF1953	Insert	EA	1		280 00
CF203	Grade Shoe	EA	1		550 00
CF1963	Basket	EA	1		315 00
8100	Pick up Mileage	mi	30		127 50
8101	H-700 Equip Mileage	mi	90		630 00
8113	Bulk Delivery	Ton	192		1027 50
CF201	Depth Plug 501-1000	4hr	1		1200 00
CF240	Blending + Mixing Service Charge	-K	445		665 00
CF207	Plug Cement	4hr	1		250 00
5003	Service Supervisor	EA	1		175 00

SUB TOTAL 11096 64

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

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

Cement Report

Customer	Strata Exploration		Lease No.			Date	3-4-12	
Lease	Robertson		Well #	2-33		Service Receipt	1717 02622	
Casing	8 5/8	Depth	857		County	Kiwit		
Job Type	242 8 5/8 Surface		Formation			Legal Description	33 27 18	

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
Depth	Depth	From	To	See callsheet
Volume	Volume	From	To	
Max Press	Max Press	From	To	Tail in
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
08:45					on Loc. / Held Safety Meeting
11:30					Start Csg. Csg. on Bottom Cir. w/ Rig
11:47	1500				Test Pump + Lines
11:50	150		80	3.6	Start Lead Cmt + 275sk @ 13.36"
12:14	175		48	3.6	Start Tail Cmt 200sk @ 14.8
12:27	0				Shutdown + Drop Plug
12:30	100		0	3.6	Start Disp. w/ fresh H2O
12:38	220		30	2.5	Slow Rate
12:40	700		36	2.5	Bump Plug
12:41	0			0	Release / Float Held
12:45					End Job
	250				Pressure Before Plug landed Circulated CMT to the pit

(43)

Service Units	21755	3811919842	3302119808	3046437547	
Driver Names	Cochran	Mendoza	S. Chavez	S. Stafford	

Brad
Customer Representative

J. Bennett
Station Manager

M. Cochran
Cementer



PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 03/14/2012
INVOICE NUMBER 1718 - 90854218		

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 Robertson 2-33
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

OTVD
 3-36-12
 FNB SA 8277

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40440567	19905		Net - 30 days	04/13/2012

For Service Dates: 03/13/2012 to 03/13/2012	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
0040440567				
171804314A Cement-New Well Casing/Pi 03/13/2012 Cement 5 1/2" Longstring				
50/50 POZ	200.00	EA	8.80	1,759.90 T
60/40 POZ	50.00	EA	9.60	479.97 T
Cello-flake (POLEFLAKE-C)	50.00	EA	2.96	147.99 T
Cal-Set	840.00	EA	0.60	503.97 T
FLA-322	84.00	EA	6.00	503.97 T
KCL	453.00	EA	1.20	543.57 T
Gilsonite	1,200.00	EA	0.54	643.16 T
"Latch Down Plug & Baffle, 5 1/2"" (Blu	1.00	EA	319.98	319.98
"Auto Fill Float Shoe 5 1/2"" (Blue)"	1.00	EA	287.98	287.98
"Turbolizer, 5 1/2"" (Blue)"	12.00	EA	88.00	1,055.94
"5 1/2"" Basket (Blue)"	1.00	EA	231.99	231.99
"Cement Scratchers Cable Type, 5 1/2"" "	6.00	EA	60.00	359.98
Mud Flush	1,000.00	EA	0.69	687.96 T
CS- 1L, KCL Substitute	5.00	EA	28.00	139.99 T
"Unit Mileage Chg (PU, cars one way)"	30.00	MI	3.40	101.99
Heavy Equipment Mileage	60.00	MI	5.60	335.98
"Proppant & Bulk Del. Chgs., per ton mil	317.00	EA	1.28	405.74
Depth Charge; 4001'-5000'	1.00	EA	2,015.90	2,015.90
Blending & Mixing Service Charge	250.00	BAG	1.12	279.98
Plug Container Util. Chg.	1.00	EA	199.99	199.99
"Service Supervisor, first 8 hrs on loc.	1.00	EA	139.99	139.99

LEASE	LEV	P/P
3/19 ROBERTSON 2-33	5	3/20
DES	A/P	
CEMENT LONGSTRING	3/27	
DRL	COM	LOE
K		7355/11540 ⁰⁹
G/L	D/D	

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,145.92
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	394.97
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,540.89
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 04314 A

33-275-18W

DATE _____ TICKET NO. _____

DATE OF JOB: 3-13-12		DISTRICT: Pratt, Kansas		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: Strata Exploration, Incorporated				LEASE: Robertson				WELL NO.:		2-33
ADDRESS:				COUNTY: Kiowa		STATE: Kansas				
CITY:		STATE:		SERVICE CREW: C. Messick, M. Mattal, J. McCaskey						
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME	
37216	1.5						3-12-12	PM	11:30	
						ARRIVED AT JOB	3-13-12	AM	5:00	
19959-19905	1.5					START OPERATION		AM	9:30	
						FINISH OPERATION		AM	11:00	
19831-19862	1.5					RELEASED	3-13-12	AM	11:15	
						MILES FROM STATION TO WELL	30			

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

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP104	50/50 Poz Cement	sh	200	\$	2,200 00
CP103	60/40 Poz Cement	sh	50	\$	600 00
CC102	Cellplate	Lb	50	\$	185 00
CC113	Cal-Set	Lb	840	\$	630 00
CC129	FLA-322	Lb	84	\$	630 00
C700	HCL: Potassium Chloride	Lb	453	\$	679 50
CC201	Gilsonite	Lb	1,200	\$	804 00
CF607	Latch Down Plug and Baffle, 5 1/2"	ea	1	\$	400 00
CF1251	Auto Fill Float Shoe, 5 1/2"	ea	1	\$	360 00
CF1651	Turbolizer, 5 1/2"	ea	12	\$	1,320 00
CF1901	Basket, 5 1/2"	ea	1	\$	290 00
CF2001	Cable Type Scratchers, 5 1/2"	ea	6	\$	450 00
CC151	Mud Flush	Gal	1,000	\$	860 00
C704	CS-1L: HCL	Gal	5	\$	175 00

CHEMICAL / ACID DATA:

SUB TOTAL

DLS

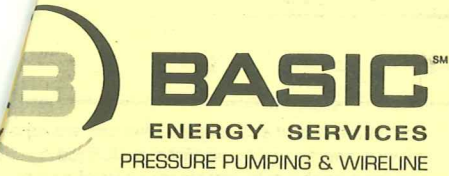
SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE: *Armando R. Messick*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Michael Polley*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



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

FIELD SERVICE TICKET
1718-04315 A
Continuation

33-275-18W

DATE _____ TICKET NO. 4,314

DATE OF JOB: 3-13-12		DISTRICT: Pratt, Kansas		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: Strata Exploration, Incorporated				LEASE: Robertson		WELL NO. 233			
ADDRESS:				COUNTY: Kiowa		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick, M. Mattal, J. McCaskey					
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
						ARRIVED AT JOB		AM PM	
						START OPERATION		AM PM	
						FINISH OPERATION		AM PM	
						RELEASED		AM PM	
						MILES FROM STATION TO WELL			

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

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E 100	Pickup Mileage	Mi	30	\$	127 50
E 101	Heavy Equipment Mileage	mi	60	\$	420 00
E 113	Built Delivery	tm	317	\$	506 40
CE 205	Cement Pump: 4,001 Feet To 5,000 Feet	hrs	4	\$	2,520 00
CE 240	Blending and Mixing Service	sh	250	\$	350 00
CE 504	Plug Container	Job	1	\$	250 00
S003	Service Supervisor	hrs	8	\$	175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		DL5 \$ 11,145 92
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: *Brandon R. M. [Signature]*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Michael Polley [Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Owner Prata Exploration, Incorporated	Lease No. Well # 2-33	Date 3-13-12
Operator Robertson	Station Pratt, Kansas	County Tiowa
Order # 314	Casing 5 1/2 15.5 Lb	Depth 4,883 Ft
State Kansas	Formation	Legal Description 33-2-15-18W
Type Job C.N.W. - Longstring		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2 15.5 Lb./ft.	Tubing Size	Shots/Ft	200 sacks	Acid	50/50 Poz	with	RATE	PRESS
Depth 4,883 Feet	Depth	From	To	58 Gal. Set, 58 HCL, 29 lb/st. cell. Mate, 6 lb. Gilsonite	ISIP	5 Min.		
Volume 116.2 Bbl.	Volume	From	To	14 Lb. / Gal., 5.43 Gal./sk	Min	10 Min.		
Max Press 200 PSI	Max Press	From	To	Frac	Avg	15 Min.		
Well Connection Plug Con. Liner	Annulus Vol.	From	To	50 sacks 60/40 Poz to plug	HHP Used	Rate (30 sacks) and Mouse (20 sacks) holes		Annulus Pressure
Plug Depth 4,800 Feet	Packer Depth	From	To	Flush 115.8 Bbl. 28 HCL	Gas Volume			Total Load

Customer Representative Mike Polley	Station Manager David Scott	Treater Clarence R. Messich
Service Units 37,216 19,959 19,905 19,831 19,862		
Driver Names Messich Mattal McCaskey		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					Trucks on location and hold safety meeting.
5:10					Sterling Drilling start to run Auto-Fill Float shoe, Shoe Joint with Latch Down Baffle screwed into collar and a total of 117 Joints new 15.5 Lb./ft. 5 1/2" casing. A Basher was installed above collar #6. A Turbolizer was installed on collars # 1, 2, 3, 4, 8, 12, 16, 20, 24, 28, 32, and # 36.
8:20		2,500			Casing in Well. Circulate and Reciprocate for 1 Hour. Shut in well. Pressure Test. Open Well.
9:30	400			6	Start Mud Flush.
			24	6	Start Fresh Water Spacer.
			39	5	Start mixing 200 sacks 50/50 Poz cement.
	-0-		87		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
9:50	100			6.5	Start 28 HCL Displacement.
				5	Start to lift cement.
10:15	800		115.8		Plug down. Plug did not land. Pump 118 Bbl. total Pressure up.
					Release pressure. Float Shoe held.
	-0-		7-5	3	Plug Rat and Mouse holes.
					Wash up pump truck.
11:00					Job Complete.
					Thank You.
					Clarence, Mike, Jeffery



PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 03/05/2012
INVOICE NUMBER 1717 - 90846532		

Liberal (620) 624-2277
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O **ATTN:** ACCOUNTS PAYABLE

J LEASE NAME Robertson #2-33
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

PAID

3-20-12

FNBS4 8243

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40437072	19842		Net - 30 days	04/04/2012

For Service Dates: 03/04/2012 to 03/04/2012	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
0040437072				
171702622A Cement-New Well Casing/Pi 03/04/2012 8 5/8" Surface				
A-Ser Lite	275.00	EA	10.40	2,860.00 T
Premium Plus Cement	200.00	EA	13.04	2,608.00 T
Celloflake	119.00	EA	2.96	352.24 T
Calcium Chloride	1,096.00	EA	0.84	920.64 T
Top Rubber Cement Plug - 8 5/8"	1.00	EA	180.00	180.00
Insert Float Valve - 8 5/8"	1.00	EA	224.00	224.00
Guide Shoe - 8 5/8"	1.00	EA	440.00	440.00
Basket - 8 5/8"	1.00	EA	252.00	252.00
Pickup Mileage	30.00	MI	3.40	102.00
Heavy Equipment Mileage	90.00	MI	5.60	504.00
Proppant and Bulk Delivery Charge	642.00	MI	1.28	821.76
Depth Charge; 501' -1000'	1.00	EA	960.00	960.00
Blending & Mixing Service Charge	475.00	MI	1.12	532.00
Plug Container Utilization Charge	1.00	EA	200.00	200.00
Service Supervisor	1.00	HR	140.00	140.00

LEA	ROBERTSON 2-33	LEV	5	P/P	3/12
DES	CEMENT SURF CASING			A/P	3/14
DRL	X	COUNT		LOG	D/D
			717.30		11588.72

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,096.64
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	492.08
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,588.72
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Srata Exploration INC

PO Box 401
Fairfield IL 62837

ATTN: John Kinney/Jon Chri

Robertson #2-33

Job Ticket: 47467

DST#: 1

Test Start: 2012.03.11 @ 10:45:28

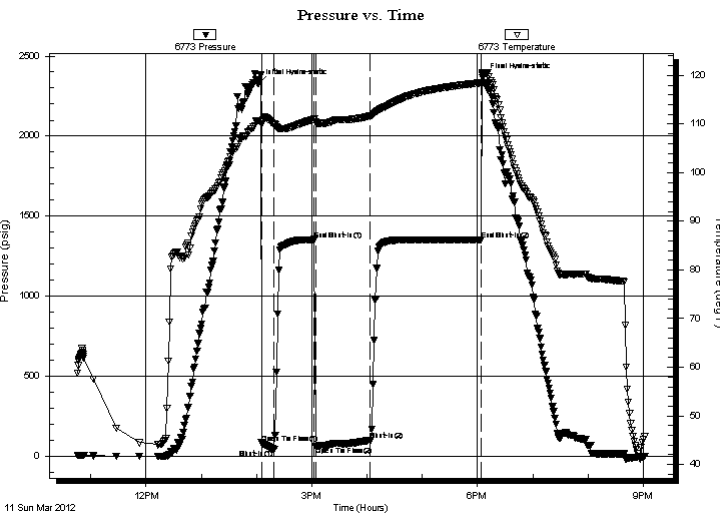
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:05:43
 Time Test Ended: 21:02:13
 Interval: **4744.00 ft (KB) To 4788.00 ft (KB) (TVD)**
 Total Depth: 4788.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 2205.00 ft (KB)
 2194.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6773 Outside

Press @ Run Depth: 101.98 psig @ 4744.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.03.11 End Date: 2012.03.11 Last Calib.: 2012.03.11
 Start Time: 10:45:33 End Time: 21:02:13 Time On Btm: 2012.03.11 @ 14:02:28
 Time Off Btm: 2012.03.11 @ 18:05:28

TEST COMMENT: IF: Strong blow BOB 30 sec GTS 7 min to small to measure
 IS: Weak surface blow back
 FF: Strong blow BOB 2 sec { see gas flow report }
 FS: Fair blow back 5"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2328.33	110.70	Initial Hydro-static
4	80.25	109.89	Open To Flow (1)
16	47.09	110.05	Shut-In(1)
61	1355.10	111.03	End Shut-In(1)
62	62.38	110.29	Open To Flow (2)
121	101.98	111.64	Shut-In(2)
242	1352.84	118.49	End Shut-In(2)
243	2363.65	120.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4750 GIP	0.00
10.00	O,M,G 25% mud 35% oil 40% gas	0.05
290.00	G,O 20% gas 80% oil	2.18

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	32.36
Last Gas Rate	0.25	3.00	27.60
Max. Gas Rate	0.25	6.00	32.36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Srata Exploration INC

PO Box 401
Fairfield IL 62837

ATTN: John Kinney/Jon Chri

Robertson #2-33

Job Ticket: 47467

DST#: 1

Test Start: 2012.03.11 @ 10:45:28

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 8.78 in³

Resistivity: 0.00 ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4750 GIP	0.000
10.00	O,M,G 25% mud 35% oil 40% gas	0.049
290.00	G,O 20% gas 80% oil	2.182

Total Length: 300.00 ft Total Volume: 2.231 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Srata Exploration INC

PO Box 401
Fairfield IL 62837

ATTN: John Kinney/Jon Chri

Robertson #2-33

Job Ticket: 47467

DST#: 1

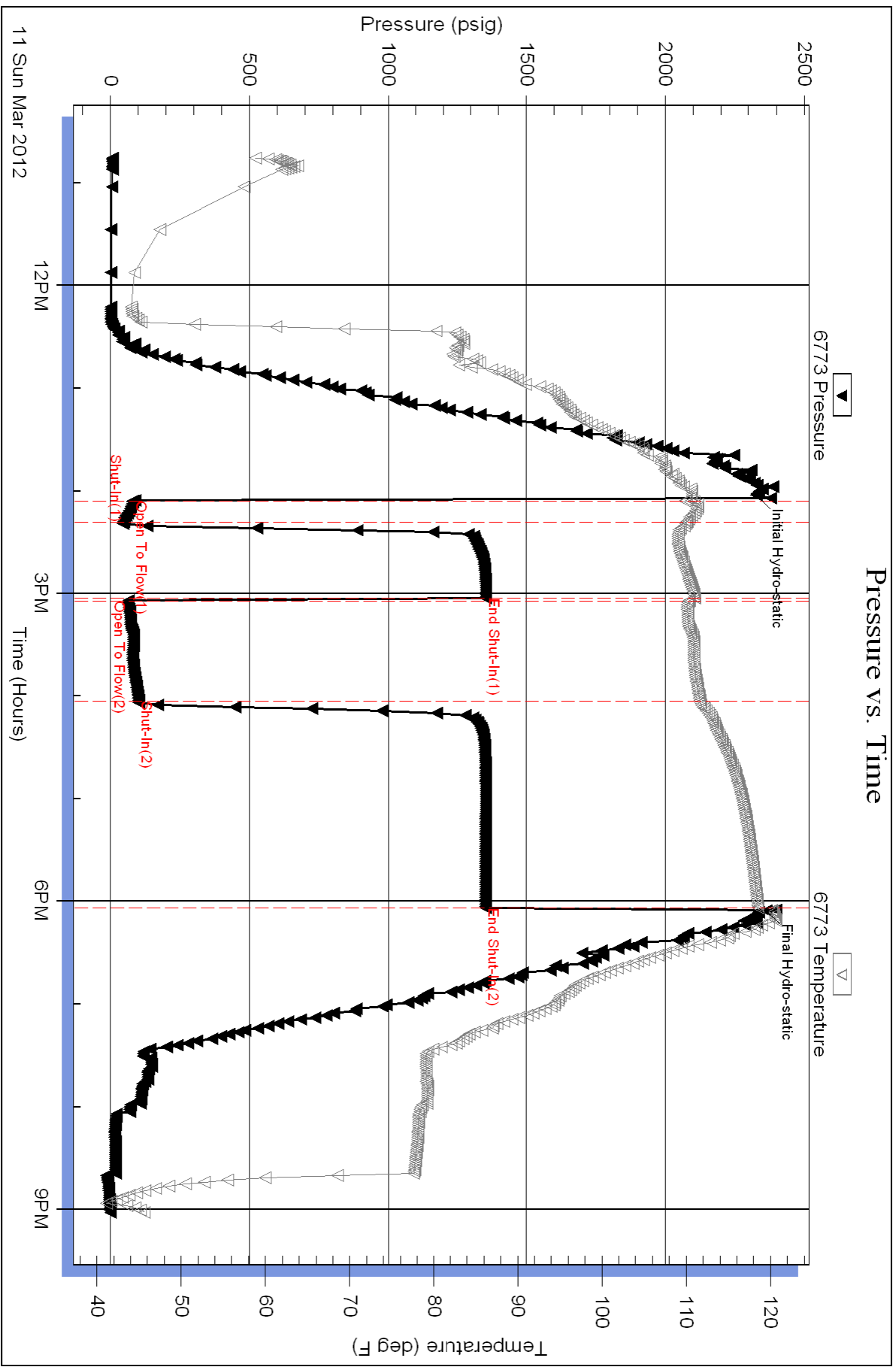
Test Start: 2012.03.11 @ 10:45:28

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	5	0.25	6.00	32.36
2	10	0.25	6.00	32.36
2	20	0.25	4.00	29.19
2	30	0.25	4.00	29.19
2	40	0.25	3.00	27.60
2	50	0.25	3.00	27.60
2	60	0.25	3.00	27.60



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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 04, 2012

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

Re: ACO1
API 15-097-21718-00-00
Robertson 2-33
NE/4 Sec.33-27S-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