

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or Recompletion Date \_\_\_\_\_

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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 Geologist Report / Mud Logs <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
--	---

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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Suemaor Exploration & Production

**6-6s-28w Sheridan, ks**

802 N Carancahua  
Corpus Christi, Tx 78401

**Johnson 1-6**

Job Ticket: 64549

**DST#: 1**

ATTN: Larry Nicholson

Test Start: 2016.06.11 @ 05:27:34

## GENERAL INFORMATION:

Formation: **Upper LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:06:34

Time Test Ended: 13:51:34

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

**Interval: 3941.00 ft (KB) To 4035.00 ft (KB) (TVD)**

Reference Elevations: 2801.00 ft (KB)

Total Depth: 4035.00 ft (KB) (TVD)

2796.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8875**

**Inside**

Press@RunDepth: 467.95 psig @ 3942.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.11

End Date:

2016.06.11

Last Calib.:

2016.06.11

Start Time: 05:27:39

End Time:

13:51:33

Time On Btm:

2016.06.11 @ 08:04:34

Time Off Btm:

2016.06.11 @ 11:06:04

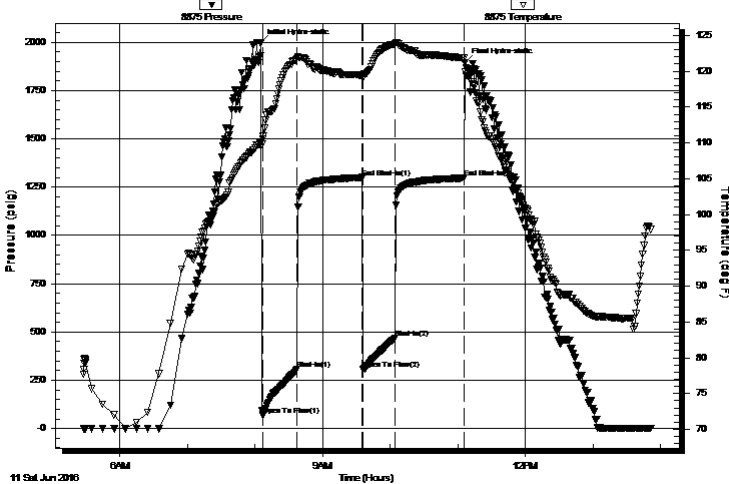
TEST COMMENT: IF: 1" blow BOB in 5 1/2 mins.

IS: No return.

FF: 1/4 blow BOB in 6 mins.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1996.40	109.96	Initial Hydro-static
2	66.49	110.53	Open To Flow (1)
33	305.93	121.73	Shut-In(1)
91	1300.14	119.42	End Shut-In(1)
91	306.18	119.07	Open To Flow (2)
120	467.95	123.81	Shut-In(2)
181	1297.27	121.85	End Shut-In(2)
182	1895.46	119.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	mcw 95%w 5%m	3.61
252.00	mcw 90%w 10%m	3.53
189.00	w cm 10%w 90%m	2.65
234.00	mud 100%m	3.28

Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Suemaaur Exploration & Production

**6-6s-28w Sheridan, ks**

802 N Carancahua  
Corpus Christi, Tx 78401

**Johnson 1-6**

Job Ticket: 64549

**DST#: 1**

ATTN: Larry Nicholson

Test Start: 2016.06.11 @ 05:27:34

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

20000 ppm

Viscosity: 72.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
378.00	mcw 95%w 5%m	3.608
252.00	mcw 90%w 10%m	3.535
189.00	w cm 10%w 90%m	2.651
234.00	mud 100%m	3.282

Total Length: 1053.00 ft      Total Volume: 13.076 bbf

Num Fluid Samples: 0

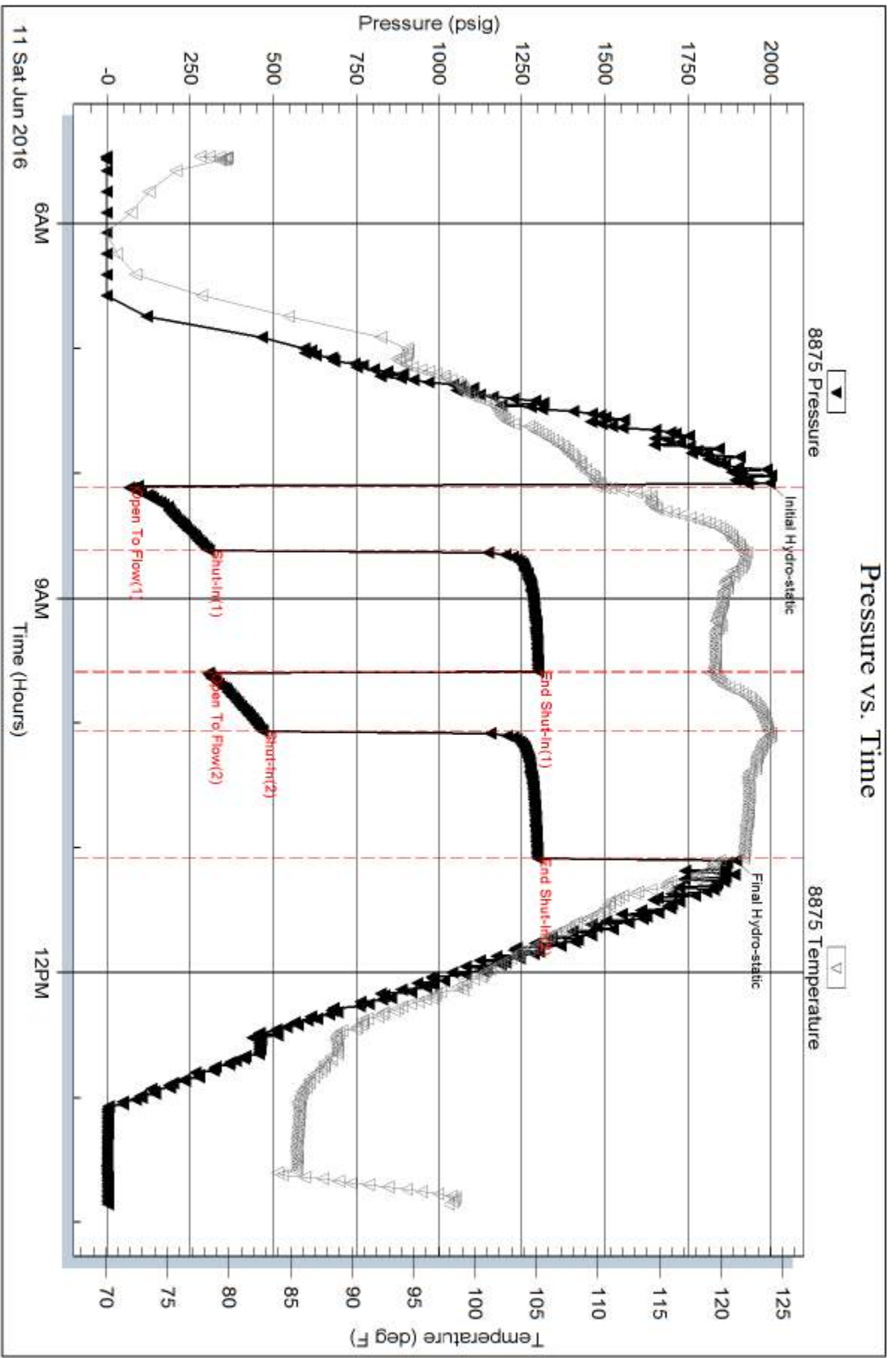
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .20@95=20000



# GEOLOGICAL REPORT

## Larry A. Nicholson

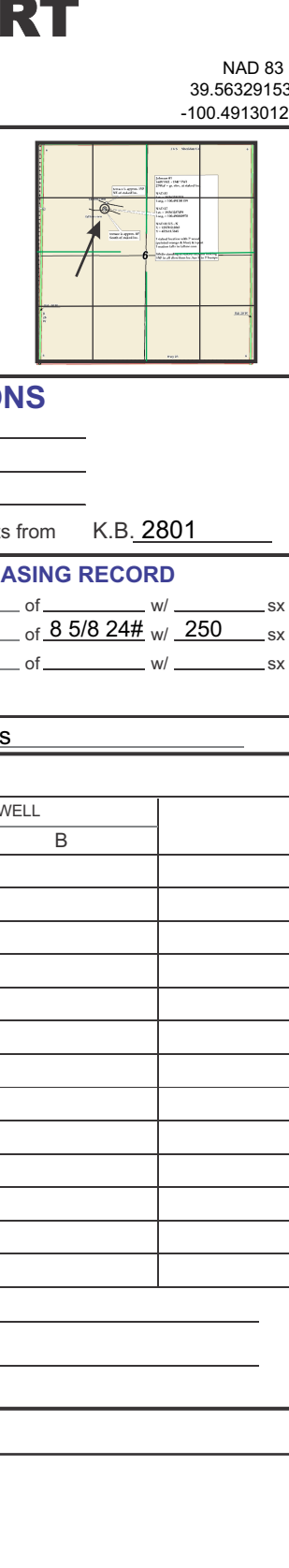
NAD 83  
99.56329153  
-100.4913012

COMPANY & WELL: Suemaur Expl & Prod Johnson #1-6  
LOCATION: 1605' FNL 1541' FWL NW NW SE NW  
SEC 6 TWP 6S RGE 28W  
COUNTY Sherridan STATE KS

COMPANY: Suemaur Exploration & Production, LLC  
API #: 15-179-21417 FIELD: WELLS  
LEASE: Johnson WELL: #1-6  
LOCATION: NW NW SE NW  
SURVEY: 1605' FNL 1541' FWL  
SECTION: 6 TWP 6S RGE 28W  
COUNTY: Sherridan STATE: Kansas

CONTRACTOR: Murfin Drilling Company, Inc. Rig # 7  
SPUD: 1:30 pm 06-06-2016 COMP: K.B. 2801  
RTD: 4:15 am 06-12-2016 LTD: 4:16  
MUD UP AT: 3:15  
MUD TYPE: Chemical, Morgan Mud, Dave Lines

ELEVATIONS  
K.B. 2801  
D.F. \_\_\_\_\_  
G.L. 2796  
All measurements from K.B. 2801



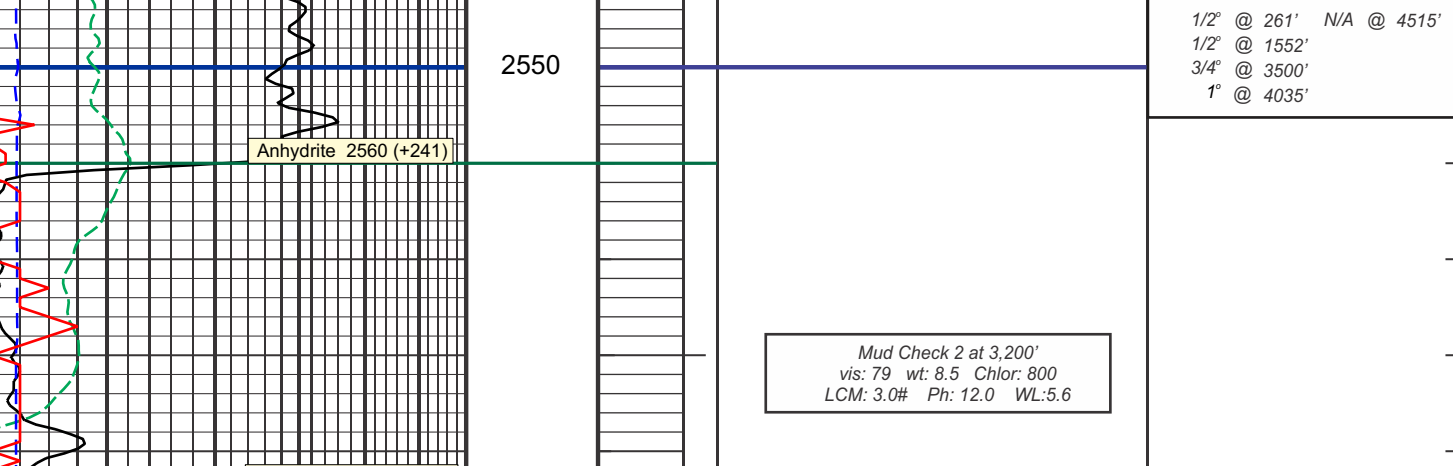
### ELECTRICAL SURVEYS Weatherford, Den, Neu, Duff, Micro, Hi-Res

FORMATION	SAMPLE TOPS	SURSEA DATUM	ELEG LOG TOPS	SURSEA DATUM	REFERENCE WELL
Stone C	2560	+241	2558	+243	A
Topoka	3264	-1103	3264	-1103	B
Heebner	3911	-1110	3911	-1110	
Tor	3935	-1134	3933	-1132	
LANS A	3952	-1151	3948	-1147	
LANS J	4096	-1295	4095	-1294	
LANS K	4121	-1320	4126	-1325	
LANS L	4141	-1340	4145	-1344	
BKC	4154	-1353	4154	-1353	
Cherokee	4334	-1533	4338	-1537	
Miss	4450	-1649	4456	-1655	
RTD	4515	-1714	4515	-1714	
LTD	4516	-1715	4516	-1715	

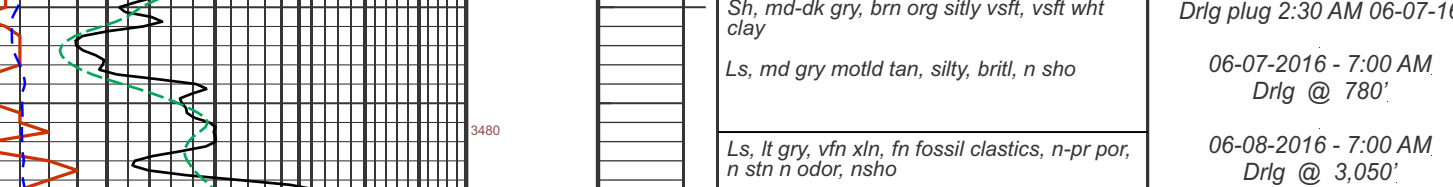
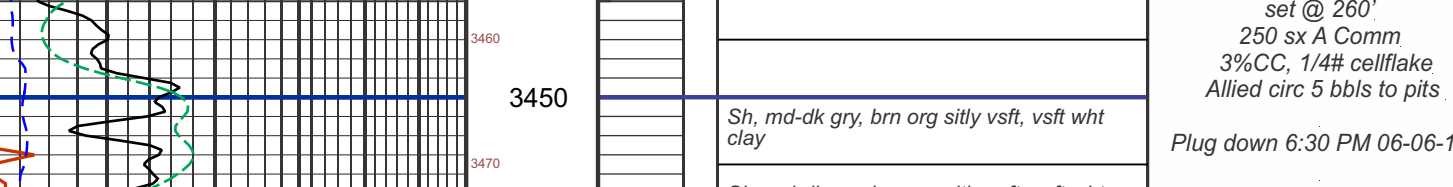
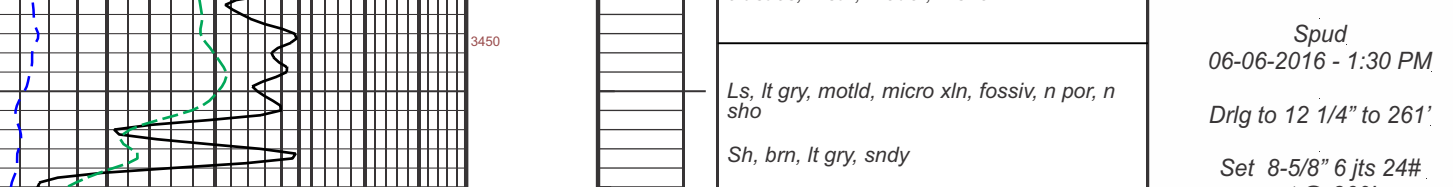
REMARKS & RECOMMENDATIONS:  
Based on sample shows and dist results the well was P&A  
\*Note Rig and Loggers are on same depth.  
Rig did a very good job handling lose Circ conditions from shallow sands.

LAN 762, Modified 5/05, 1/11, 4/12 Hanover, KS 66845 1inch = 25.4mm 8.5 x 97.5 216 mm x 2460 mm

### LEGEND



### GAMMA RAY / SP



### DEPTH

### ADDITIONAL

### SAMPLE DESCRIPTIONS

### REMARKS

Spud 01:30 PM 06-06-2016  
RTD 05:45 AM 06-12-2016

"BIT RECORD"  
Surface Bit: HTCCO 12-1/4"  
Vik: #5219122 out at 261'  
Bit No. 1, PDC, HTCCO DPS06F, 7-7/8"  
#715500 15-15 jets  
in at 261' - out at 3500'  
Bit No. 2, HTCCO QX02C, 7-7/8"  
#521934, 15-15 jets  
in at 3500' - out at 3593'  
3902 TDW 14-14 jets.

"VERTICAL SURVEYS":  
1/2" @ 261' nsk @ 4515'  
1/2" @ 1552'  
3/4" @ 3500'  
1" @ 4035'

"PUMP DATA"  
Emasco D-375  
Stokes 14" Line 6"  
60 strokes/min  
302 GPM

"DAILY REPORT"  
Spud  
06-06-2016 - 1:30 PM  
Drig to 12 1/4' to 261'  
Set 8-5/8" 6 jets 2#  
set @ 260'  
250 cc A Comm  
376CC, 14# cellulose  
Allied circ 5 bbls to jets  
Plug plug 2:30 AM 06-07-16

06-07-2016 - 7:00 AM  
Drig @ 780'

06-06-2016 - 7:00 AM  
Drig @ 3,050'  
Lost 60bbls while drilling  
1553' to 1780'  
Lost Circ 2997 50 bbls

06-09-2016 - 7:00 AM  
Drig @ 3,555'

Mud displace 3135'  
Bit Returns @ 3300'  
Lost Returns @ 2900' on trip  
back in hole

Drig @ 3593 w/lost returns  
PUBT 2400' spot 50 bbl  
w/30 PPB LCM hulls  
TOH change jets 3-15 to 3-18  
Weatherford Liberaal  
Mix mud to maintain 11-20 cm

06-10-2016 - 7:00 AM  
Drig @ 3,790'

06-11-2016 - 7:00 AM  
Drig @ 4,015'  
Bit Change #135 TRI-PDC  
Drig @ 4,185'

06-12-2016 - 7:00 AM  
Drig @ 4,700'

05-13-2016 - 5:45 AM  
RTD @ 4,815'

05-13-2016 - 9:16 AM  
Weatherford Liberaal  
LTD @ 4,516  
11:30 PM-5:45AM

Mud Check 3 at 3,341'  
vis: 69 wt 8.8 Chlor: 1000  
LCM: 14.0W Ph: 10.0 WL: 6.4

Mud Check 3 at 3,593'  
vis: 64 wt 8.7 Chlor: 1000  
LCM: 12.0W Ph: 10.0 WL: 7.2

Mud Check 4 at 3,782'  
vis: 72 wt 9.0 Chlor: 1000  
LCM: 22.0W Ph: 9.5 WL: 6.4

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,035'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

Mud Check 5 at 4,176'  
vis: 50 wt 9.0 Chlor: 1000  
LCM: 16.0W Ph: 9.5 WL: 8.0

# ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

066885

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oakley

DATE <u>6-6-16</u>	SEC <u>6</u>	TWP <u>6</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION <u>5:00pm</u>	JOB START <u>5:00pm</u>	JOB FINISH <u>2:30pm</u>
JOHNSON LEASE	WELL # <u>1-6</u>		LOCATION <u>Hoxie 13N 3W 1AN</u>			COUNTY <u>Sheridan</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>EMTO</u>				

CONTRACTOR <u>Mactina</u>	
TYPE OF JOB <u>Surf Ace</u>	
HOLE SIZE <u>1 1/4"</u> T.D. <u>261'</u>	
CASING SIZE <u>8 5/8"</u> DEPTH <u>261'</u>	
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>15.62 BBL</u>	

OWNER <u>same</u>
CEMENT
AMOUNT ORDERED <u>250 SKS com 30% off</u>
<u>W/Flo-seal</u>

COMMON <u>250 SKS</u>	@ <u>17.90</u>	<u>4475.00</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>205#</u>	@ <u>1.10</u>	<u>225.50</u>
ASC	@	
<u>Flo-seal 67#</u>	@ <u>2.97</u>	<u>197.11</u>
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	

EQUIPMENT	
PUMP TRUCK # <u>266-281</u>	CEMENTER <u>Andrew Forlund</u>
	HELPER <u>Kevin Ryan</u>
BULK TRUCK # <u>323</u>	DRIVER <u>q/a Ryan</u>
BULK TRUCK #	DRIVER

TOTAL 5,437.61

DISCOUNT 50% 2,718.80

REMARKS:

Circulated 5 BBL TO PIT

Thank you

SERVICE

HANDLING <u>249 cu/ft</u>	@ <u>2.48</u>	<u>617.12</u>
MILEAGE <u>2.25 ton/mile</u>		<u>132.50</u>
DEPTH OF JOB <u>261'</u>		
PUMP TRUCK CHARGE		<u>1572.85</u>
EXTRA FOOTAGE	@	
HV MILEAGE <u>40 miles</u>	@ <u>7.70</u>	<u>308.00</u>
LV MILEAGE <u>40 miles</u>	@ <u>4.90</u>	<u>196.00</u>
	@	
	@	

TOTAL 3,998.87

DISCOUNT 50% 1,999.44

CHARGE TO: Seamar Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<u>8 5/8"</u>		
<u>3 Centralizer</u>	@ <u>25.00</u>	<u>75.00</u>
<u>1 Lock Ring</u>	@	<u>69.00</u>
	@	
	@	
	@	

TOTAL 294.00

DISCOUNT 50% 147.00

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Kelly Wilson

SIGNATURE Kelly Wilson

SALES TAX (if Any)	
TOTAL CHARGES	<u>9,730.48</u>
DISCOUNT <u>4,865.24 (50%)</u>	IF PAID IN 30 DAYS
NET TOTAL	<u>4,865.24</u> IF PAID IN 30 DAYS

Bid







# ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

21930  
68027 877  
4267

REMIT TO: Allied OFS, LLC  
P.O. Box 133366  
Spring, TX 77393

SERVICE POINT: *Daklyfs*

DATE <i>6/13/16</i>	SEC. <i>6</i>	TWP. <i>6</i>	RANGE <i>28</i>	CALLED OUT	ON LOCATION	JOB START <i>4:00</i>	JOB FINISH <i>5:00</i>
LEASE <i>Johnson</i>	WELL# <i>1-6</i>	LOCATION <i>Hoxie N 70 Stop 9 1/2 W 3/4 N Ends</i>			COUNTY <i>Sheridan</i>	STATE <i>W</i>	
OLD OR NEW (Circle one)							

CONTRACTOR <i>Ming Fan</i>	
TYPE OF JOB <i>PTA</i>	
HOLE SIZE <i>7 1/2</i>	T.D.
CASING SIZE <i>8 5/8</i>	DEPTH <i>261</i>
TUBING SIZE	DEPTH
DRILL PIPE <i>4 1/2</i>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

OWNER <i>Same</i>
CEMENT
AMOUNT ORDERED <i>255 60/40 40 gal</i>
<i>114 P20</i>
<i>60/40 40 gal</i>
COMMON <i>255 gal @ 18.92 = 4824.60</i>
POZMIX @
GEL @
CHLORIDE @
ASC @
<i>Flo Seal 67 @ 2.92 = 190.84</i>
TOTAL <i>5014.68</i>

EQUIPMENT	
PUMP TRUCK	CEMENTER <i>Alan Ryan</i>
# <i>516281</i>	HELPER <i>Alan Ryan</i>
BULK TRUCK	
# <i>891</i>	DRIVER <i>Marty Phillips</i>
BULK TRUCK	
#	DRIVER

### REMARKS:

*50 9/16 @ 2480'*  
*100 9/16 @ 1780'*  
*50 9/16 @ 320'*  
*10 9/16 @ 40'*  
*20 9/16 @ Rat Hoxie*  
*15 9/16 @ mouse Hoxie*

*Thank you  
Alan, Marty, Marty*

CHARGE TO: *Sherman*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DISCOUNT *50% 2,507.34*

### SERVICE

HANDLING <i>273 @ 2.48 = 679.23</i>
MILEAGE <i>225 @ 11.44 = 2583.00</i>
DEPTH OF JOB
PUMP TRUCK CHARGE <i>2483.59</i>
EXTRA FOOTAGE @
HV MILEAGE <i>40 @ 2.25 = 90.00</i>
LV MILEAGE <i>40 @ 4.25 = 170.00</i>
TOTAL <i>4,905.22</i>

DISCOUNT *50% 2,452.61*

### PLUG & FLOAT EQUIPMENT

<i>8 5/8 wood Plug @ 110.00</i>
@
@
@
@
TOTAL <i>110.00</i>

DISCOUNT *50% 55.00*

To: Allied OFS, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Kelly Wilson*

SIGNATURE *Kelly Wilson*

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES *10,029.90*  
 DISCOUNT *5,014.95 (50%)* IF PAID IN 30 DAYS  
 NET TOTAL *5,014.95* IF PAID IN 30 DAYS



# CEMENTING LOG

STAGE NO. \_\_\_\_\_

Date 8/13/10 District Palmyra Ticket No. 68027  
 Company Sheridan Rig 68027  
 Lease Palmyra Well No. 15-6  
 County Sheridan State WV  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60/40 400 gal  
114/70 Excess \_\_\_\_\_  
 Amt. 255 Skys Yield 1.42 ft<sup>3</sup>/sk Density 132 PPG \_\_\_\_\_

Casing Depths: Top 6L Bottom 261

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 WATER: Lead 6.9 gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls. \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

Pump Trucks Used 506-281  
 Bulk Equip. RA1

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0631 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER ABL

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						on location SPTs not set up
				10.0	6.0	Prof spacer
				8'14"	3.0	Mix 50 SK @ 2480'
				16'12"	3.0	Displace with mud Mix 100 SK @ 1780'
				8'14"	3.0	Displace with mud
				2.0	3.0	Mix 10 SK @ 40'
				2.5	3.0	Mix 15 SK @ 114'
				5.0	3.0	Mix 30 SK @ 114'