

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 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
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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				

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
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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:	
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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Suemaaur Exploration & Production, LLC

20/6s/28w Sheridan, KS

539 Crancahua STE 1100
Corpus Christi, TX 78401

Lucky Sevens #1-20

Job Ticket: 63135

DST#: 1

ATTN: Bob Petersen

Test Start: 2017.06.09 @ 14:49:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:51:15

Time Test Ended: 21:45:15

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Interval: 4038.00 ft (KB) To 4072.00 ft (KB) (TVD)

Reference Elevations: 2753.00 ft (KB)

Total Depth: 4072.00 ft (KB) (TVD)

2748.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: 31.67 psig @ 4039.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.09

End Date:

2017.06.09

Last Calib.:

2017.06.09

Start Time: 14:49:05

End Time:

21:45:14

Time On Btm:

2017.06.09 @ 16:51:00

Time Off Btm:

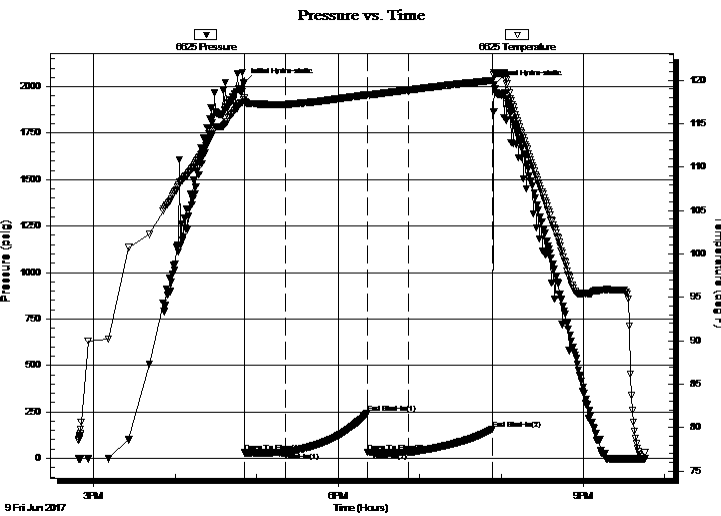
2017.06.09 @ 19:54:30

TEST COMMENT: 30 - IF: Weak surface blow, dead at 7 min.

60 - IS: No blow

30 - FF: No blow

60 - FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2020.85	117.93	Initial Hydro-static
1	30.08	117.54	Open To Flow (1)
30	30.64	117.21	Shut-In(1)
91	242.15	118.31	End Shut-In(1)
91	31.75	118.31	Open To Flow (2)
121	31.67	118.87	Shut-In(2)
183	158.57	119.98	End Shut-In(2)
184	2011.52	120.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud w /Oil spots 98%m, 2%o	0.22

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Suemaaur Exploration & Production, LLC

20/6s/28w Sheridan, KS

539 Crancahua STE 1100
Corpus Christi, TX 78401

Lucky Sevens #1-20

Job Ticket: 63135

DST#: 1

ATTN: Bob Petersen

Test Start: 2017.06.09 @ 14:49:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:51:15

Time Test Ended: 21:45:15

Interval: 4038.00 ft (KB) To 4072.00 ft (KB) (TVD)

Total Depth: 4072.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Reference Elevations: 2753.00 ft (KB)

2748.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017

Outside

Press@RunDepth: psig @ 4039.00 ft (KB)

Start Date: 2017.06.09

End Date:

2017.06.09

Start Time: 14:49:05

End Time:

21:44:44

Capacity: 8000.00 psig

Last Calib.:

2017.06.09

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF: Weak surface blow , dead at 7 min.

60 - IS: No blow

30 - FF: No blow

60 - FS: No blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud w /Oil spots 98%m, 2%o	0.22

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Suemaer Exploration & Production, LLC

20/6s/28w Sheridan, KS

539 Crancahua STE 1100
Corpus Christi, TX 78401

Lucky Sevens #1-20

Job Ticket: 63135

DST#: 1

ATTN: Bob Petersen

Test Start: 2017.06.09 @ 14:49:00

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:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud w /Oil spots 98% _m , 2% _o	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

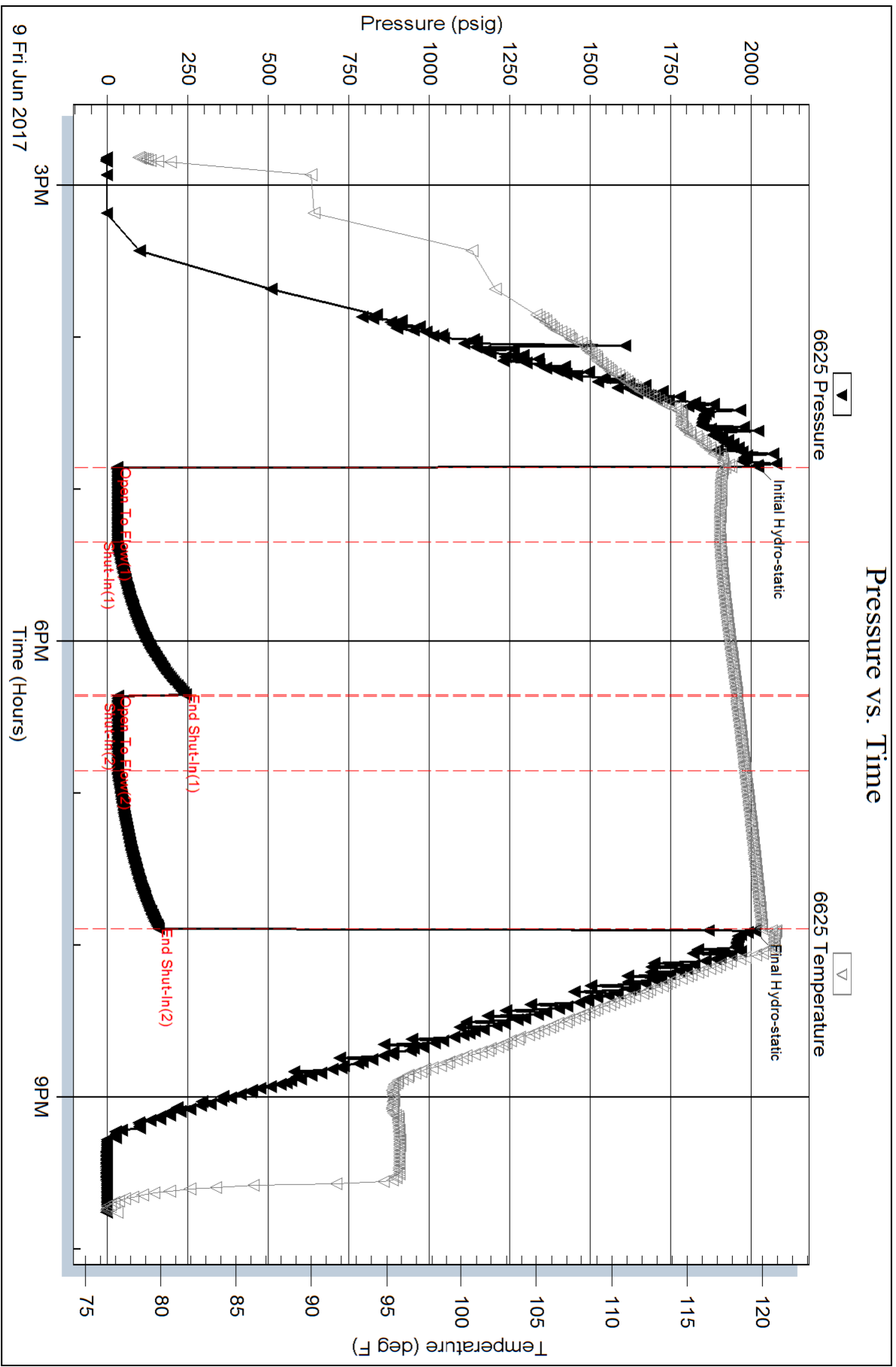
Num Gas Bombs: 0

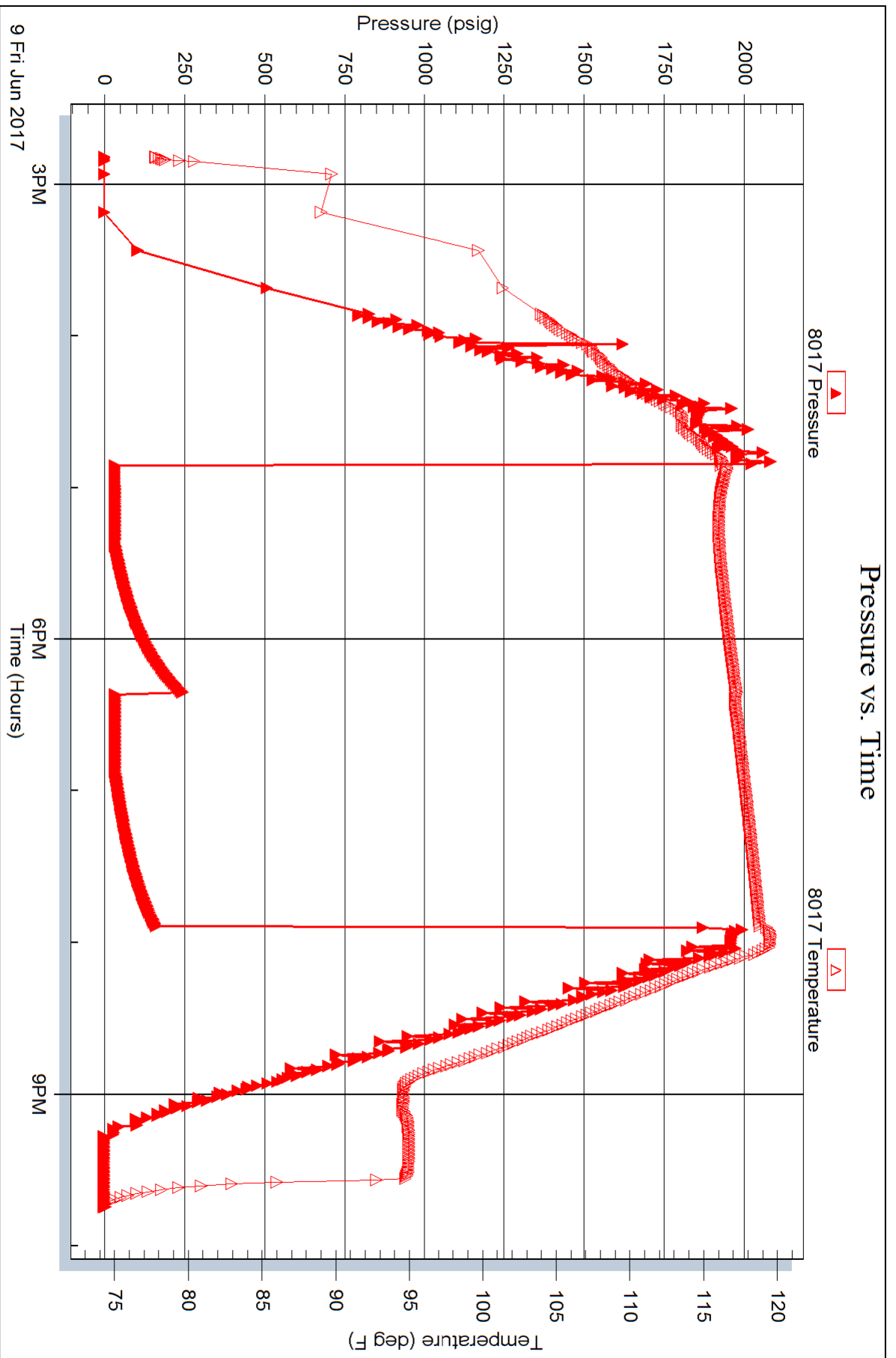
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

SUEMAUR EXPLORATION & PROD., LLC

LUCKY SEVENS LLC #1-20
SEC. 20 TWP 6S RGE 28W

SW SE NE NW
993' FNL & 1989' FWL
SHERIDAN COUNTY, KANSAS
API: 15-179-21436-00-00

DRILLING CONTR.: MURFIN RIG #7
SPUD: 06-05-2017 COMP:06-xx-2017
MUD UP: 3300' TYPE MUD: CHEM.
DRILL TIME: 3300' to RTD
RTD: xxxx' LTD:XXXX'
SAMPLES SAVED: 3350 to RTD
GEOLOGIST: ROBERT J. PETERSEN

ELEVATION
KB: 2754'
GL: 2749'
LOG MEASURED FROM: KB

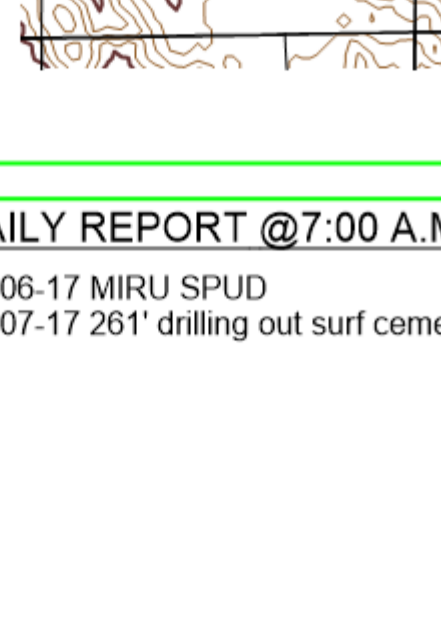
SURFACE CASING
 8" Set @261' w/240SX

PRODUCTION CASING

WELL LOG SURVEYS
 WEATHERFORD
 HI-Res AIL-DNL-ML-GR-SP

ELECTRIC LOG TOPS

LOCATION MAP



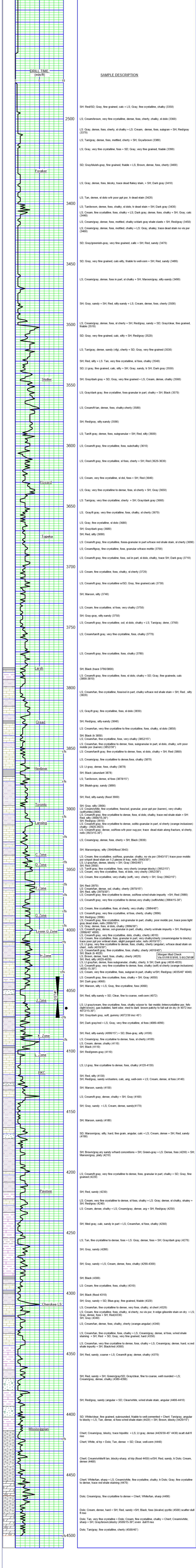
REFERENCE WELL A
 Petroleum Management Inc
 15-179-20121
 Geisinger #1
 SE SE SW
 Sec. 16-6-28W

REFERENCE WELL B
 Suemaur Expl. & Prod., LLC
 15-179-21426-00-00
 SCHIEFERECKE TRUST #1-7
 515' FSL & 1850' FEL
 Sec. 7-6-28W

DAILY REPORT @7:00 A.M.

06-06-17 MIRU SPUD
 06-07-17 261' drilling out surf cement

REMARKS AND RECOMMENDATIONS



SAMPLE DESCRIPTION

SH Red/SD, Gray, fine grained, calc + LS; Gray, fine crystalline, chalky (3350)

LS, Cream/brown, very fine crystalline, dense, foss, cherty, chalky, sl dolo (3360)

LS, Gray, dense, foss, cherty, sl chalky + LS; Cream, dense, foss, subgran + SH; Red/gray (3370)

LS, Tan/gray, dense, foss, mottled, cherty + SH; Gray/brown (3380)

LS, Gray, very fine crystalline, foss + SD; Gray, very fine grained, friable (3390)

SD, Gray/bluish-gray, fine grained, friable + LS; Brown, dense, foss, cherty (3400)

LS, Gray, dense, foss, blocky, trace dead flakey stain, + SH; Dark gray (3410)

LS, Tan, dense, sl dolo w/ir poor ppt por, tr dead stain (3420)

LS, Tan/brown, dense, foss, chalky, sl dolo, tr dead stain + SH; Dark gray (3430)

LS, Cream, fine crystalline, foss, chalky + LS; Dark gray, dense, foss, chalky + SH; Gray, calc (3440)

LS, Cream/gray, dense, foss, mottled, chalky w/dark gray shale clasts + SH; Red/gray (3450)

LS, Cream/gray, dense, foss, mottled, chalky + LS; Gray, shaley, trace dead stain no vis por (3460)

SD, Gray/greenish-gray, very fine grained, calc + SH; Red, sandy (3470)

SD, Gray, very fine grained, calc-silty, friable to well-cem + SH; Red, sandy (3480)

LS, Cream/gray, dense, foss in part, sl chalky + SH; Maroon/gray, silty-sandy (3490)

SH, Gray, sandy + SH; Red, silty-sandy + LS; Cream, dense, foss, cherty (3500)

LS, Cream/gray, dense, foss, sl cherty + SH; Red/gray, sandy + SD; Gray/clear, fine grained, friable (3510)

SD, Gray, very fine grained, calc, silty + SH; Red/gray (3520)

LS, Tan/gray, dense, sandy (vf), cherty + SD; Gray, very fine grained (3530)

SH, Red, silty + LS; Tan, very fine crystalline, sl foss, chalky (3540)

SD, Lt gray, fine grained, calc, silty + SH; Gray, sandy, tr SH; Dark gray (3550)

SH, Gray/dark gray + SD; Gray, very fine grained + LS; Cream, dense, chalky (3560)

LS, Gray/dark gray, fine crystalline, foss-granular in part, chalky + SH; Black (3570)

LS, Cream/lt tan, dense, foss, chalky-cherty (3580)

SH, Red/gray, silty-sandy (3590)

LS, Tan/lt gray, dense, foss, subgranular + SH; Red, silty (3600)

LS, Cream/lt gray, fine crystalline, foss, subchalky (3610)

LS, Cream/lt gray, fine crystalline, sl foss, cherty + SH; Red (3620-3630)

LS, Cream, very fine crystalline, sl dol, foss + SH; Red (3640)

LS, Gray, very fine crystalline to dense, foss, sl cherty + SH; Gray (3650)

LS, Tan/gray, very fine crystalline, cherty + SH; Gray/dark gray (3660)

LS, Gray/lt gray, very fine crystalline, foss, chalky, sl cherty (3670)

LS, Gray, fine crystalline, sl dolo (3680)

SH, Gray/dark gray (3680)

SH, Red, silty (3690)

LS, Cream/lt gray, fine crystalline, foss, granular in part w/trace red shale stain, sl cherty (3690)

LS, Cream/lt gray, fine crystalline, foss, granular w/trace mottle (3700)

LS, Cream/lt gray, fine crystalline, foss, ool in part, sl dolo, chalky, trace SH; Dark gray (3710)

LS, Cream, fine crystalline, foss, chalky, sl cherty (3720)

LS, Cream/lt gray, fine crystalline w/SD, Gray, fine grained, calc (3730)

SH, Maroon, silty (3740)

LS, Cream, fine crystalline, sl foss, very chalky (3750)

SH, Gray-gray, silty-sandy (3750)

LS, Cream/lt gray, fine crystalline, ool, sl dolo, chalky + LS; Tan/gray, dense, (3760)

LS, Cream/tan/lt gray, very fine crystalline, foss, chalky (3770)

LS, Cream/lt gray, fine crystalline, foss, chalky (3780)

SH, Black (trace 3790/3800)

LS, Cream/lt gray, fine crystalline, foss, sl dolo, chalky + SD; Gray, fine grained, calc (3800-3810)

LS, Cream/tan, fine crystalline, foss/ool in part, chalky w/trace red shale stain + SH; Red, silty (3820)

LS, Gray/lt gray, fine crystalline, foss, sl dolo (3830)

SH, Red/gray, silty-sandy (3840)

LS, Cream/tan, very fine crystalline to fine crystalline, foss, chalky, sl dolo (3850)

SH, Black (tr 3850)

LS, Cream/lt gray, fine crystalline, foss, very chalky (3852/15')

LS, Cream/tan, fine crystalline to dense, foss, subgranular in part, sl dolo, chalky, w/ir poor moldic por (barren) (3852/30')

LS, Cream/tan/lt gray, fine crystalline to dense, foss, sl dolo, chalky + SH; Red (3860)

LS, Cream/lt gray, fine crystalline to dense, foss, chalky (3870)

LS, Lt gray, dense, foss, chalky (3878)

SH, Black (abundant 3878)

LS, Tan/brown, dense, sl foss (3878/15')

SH, Bluish-gray, sandy (3890)

SH, Red, silty-sandy (flood 3900)

SH, Gray, silty (3906)

LS, Cream/lt gray, fine crystalline, foss/ool, granular, poor ppt por (barren), very chalky (soft/white)(3906)

LS, Cream/lt gray, fine crystalline to dense, foss, sl dolo, chalky, trace red shale stain + SH; Red silty (3906/15-30')

SH, Red/gray (3910)

LS, Cream/lt gray, fine crystalline to dense, foss, oolitic-granular in part, sl cherty (orange inclusions) chalky (3920-3923)

LS, Lt gray/tan, dense, foss subgranular, chalky, cherty, tr SH; Dark gray (4030-4035)

LS, Cream/lt gray, dense, ool/foss w/ir poor pug por, trace dead stain along fracture, silty, nso (3923/15-30')

LS, Cream/lt gray, dense, foss, cherty + SH; Black (3930)

SH, Maroon/gray, silty (3940/flood 3943)

LS, Cream, fine crystalline, ool/foss, granular, no vis por (3943/15') trace poor moldic por w/spot dead stain on 1-2 pieces in tray, nso (3943/30')

LS, Lt gray/tan, dense, blocky + SH; Gray (3943/45')

SH, Red (3950)

LS, Tan/lt gray, fine crystalline, foss, very cherty (orange blocky) (3952/15')

LS, Cream, very fine crystalline, foss, sl dolo, very cherty (3952/30')

LS, Cream, fine crystalline, very chalky (soft), very cherty + SH; Gray (3962/15')

SH, Red (3970)

LS, Cream/tan, dense, ool, chalky, cherty (3970/15')

SH, Red, silty (3970/30')

LS, Cream/lt gray, fine crystalline to dense, ool/foss w/ir shale impurity + SH; Red (3980)

LS, Cream/lt gray, very fine crystalline to dense, very chalky (soft/white) (3984/15-30')

LS, Cream, fine crystalline, foss, sl cherty, cherty (3984/45')

LS, Cream/lt gray, very fine crystalline, sl foss, very chalky (3996)

SH, Red/gray (3996)

LS, Cream/lt gray, fine crystalline, ool-granular in part, chalky, poor moldic por, trace poss light gray dead stain, nso (3996/15')

LS, Cream, fine crystalline, foss, granular in part, very chalky/cherty (cream/angular to blocky) trace poor ppt w/ir dead stain, slight pungent odor, nso (4010/15')

LS, Lt gray, very fine crystalline to dense, foss, chalky, cherty (angular), w/trace dead stain on chert, nso (4010/30')

LS, Cream/lt gray, fine crystalline, foss, chalky, cherty (4010/45')

SH, Black (tr 4020)

LS, Brown, dense, hard, foss, chalky, cherty (4020)

SH, Red, silty (4020-4030)

LS, Cream/lt gray, dense, foss subgranular, chalky, cherty, tr SH; Dark gray (4030-4035)

LS, Cream/lt gray, very fine crystalline to dense, foss, chalky (soft) sl cherty (orange inclusions) (4035-15-30')

LS, Cream, very fine crystalline, foss, subgran in part, chalky w/SH; Red/gray (4035/45' 4040)

LS, Cream/lt gray, fine crystalline, foss, chalky (4050)

SH, Dark gray (4060)

SH, Maroon, silty + LS; Gray, fine crystalline, foss (4060)

SH, Red, silty-sandy + SD; Clear, fine to coarse, well-cem (4072)

LS, Lt gray/cream, fine crystalline, foss, chalky w/poor to fair moldic; intercrystalline por, fso (light brown), gas bubbles, faint odor, med to dark brown patchy to full sat on dry (tr 4072 incr. 4072/15-30')

SH, Gray/dark gray, soft, gummy (4072/30' incr 45')

SH, Dark gray/red + LS; Gray, very fine crystalline, sl foss (4080-4090)

SH, Red, silty-sandy (4090/15') + SD; Blue-gray, silty (4100)

LS, Cream/lt gray, fine crystalline to dense, foss, sl cherty (4100)

LS, Cream, dense, chalky (4110)

SH, Black (4110)

SH, Red/green-gray (4110)

LS, Lt gray, fine crystalline to dense, foss, chalky (4120/45')

SH, Red, silty (4130)

SH, Red/gray, sandy w/clusters, calc, ang, well-cem + LS; Cream, dense, sl foss (4140)

SH, Maroon, sandy (4150)

LS, Cream/lt gray, dense, chalky + SH; Gray (4160)

SH, Gray, sandy + LS; Cream, dense, sandy(4170)

SH, Maroon, sandy (4180)

SD, Maroon/gray, silty, hard, fine grain, angular, calc + LS; Cream, dense + SH; Red, sandy (4190)

SH, Brown/gray ery sandy w/hard concretions + SH; Green-gray + LS; Dense, foss (4200) + SH; Maroon/gray, platy (4210)

LS, Cream/lt gray, very fine crystalline to dense, foss, granular in part, chalky + SD; Gray, fine grained (4220)

SH, Red, sandy (4230)

LS, Cream, very fine crystalline to dense, sl foss, chalky + LS; Gray, dense, sl chalky, shaley + SH; Red/gray (4240)

LS, Cream, dense, chalky + LS; Cream/gray, dense, arg + SH; Red/gray (4250)

SH, Med gray, calc, sandy in part + LS; Cream/tan, sl foss, chalky (4260)

LS, Tan, fine crystalline to dense, foss + LS; Gray, dense, foss + SH; Gray/dark gray (4270)

SH, Gray, sandy (4280)

SH, Gray, sandy + LS; Cream, dense, foss, chalky (4290-4300)

SH, Black (4300)

LS, Cream, fine crystalline, foss, chalky (4310)

SH, Black (flood 4310)

SH, Gray, sandy + SD; Blue-gray, fine grained, friable (4320)

LS, Cream/tan, fine crystalline to dense, very foss, chalky, sl chert (4320)

LS, Cream, fine crystalline, foss, chalky, sl cherty, no vis por, tr edge gilsonite stain on dry + LS; Gray, dense, foss + SH; Red(4330)

SH, Gray (4340)

LS, Cream/tan, dense, foss, chalky, cherty (orange-angular) (4340)

LS, Cream/tan, fine crystalline, foss, chalky + LS; Cream/gray, dense, sl foss, w/ir shale staining + SH; Red + SD + SD; Gray, very fine grained, hard (4350)

LS, Cream/tan, very fine crystalline to dense, foss, chalky + LS; Cream/gray, dense, hard, w/ir shale impurity + SH; Black/red (4360)

SH, Red, sandy, coarse + LS; Cream/lt gray, dense, chalky (4370)

SH, Red, sandy + SH; Green/gray/SD; Gray/clear, fine to coarse, well rounded + LS; Cream/gray, dense, chalky (4380-4390)

SH, Red/gray, sandy (angular + SD; Clear/white, w/ir shale stain, angular (4400-4410)

SD, White/clear, fine grained, subrounded, friable to well-cemented + Chert, Tan/gray, angular to blocky + LS; Tan, dense, sl foss w/ir shale stain (4420) + SH; Brown, blocky (4420/15')

Chert, Cream/gray, blocky, trace bipelite + LS; Lt gray, dense (4420/30-45' 4430) scatt dull fl nso

Chert, White, sl trip + Dolo; Tan, dense + SD; Clear, well-cem (4440)

Chert, Cream/white/lt tan, blocky-sharp, sl trip (flood 4450) w/SH, Red, sandy, tr Dolo; Cream, dense (4460)

Chert, White/tan, sharp + LS; Cream/white, fine crystalline, chalky, tr Dolo; Gray, fine crystalline to dense, trace red shale staining (4470)

Dolo; Cream/gray, fine crystalline to dense + Chert, White/tan, sharp (4490)

Dolo; Cream, dense, hard + SH; Red, sandy + SH; Black, foss (bivalve) pyritic (4500) scatter dull fl nso

Dolo; Tan, very fine crystalline + Dolo; Cream, fine crystalline, chalky + Chert; Cream/white, sharp + SH; Gray/brown, blocky (4500/15-30') even dull fl nso

Dolo; Tan/gray, fine crystalline, cherty (4500/45')



Cement Job Summary

Job Number: LIB1706052305		Job Purpose: 01 Surface	
Customer:	Suemaur Exploration & Production, LLC		Date: 6/5/2017
Well Name:	Lucky Sevens, LLC	Number: 102	API/UWI:
County:	Sheridan	City:	State: KS
Cust. Rep:	Phone:	Rig Phone:	
Legal Desc:	Rig Name: Murfin#7		
Distance:	50 miles (one way)	Supervisor:	James Peppin

Employees:	Emp. ID:	Employees:	Emp. ID:
James Peppin		Nicolas Perez-Vitolas	
Saul Lopez			

Equipment:	Emp. ID:
501 - 903-4	993-4 / 1066-5

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	12 1/4	200%	0	261	TAIL CEMENT	
OPEN HOLE	12 1/4			0	LEAD CEMENT	
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
TOTAL CASING	8 5/8	24	8.097	J-55	0	261
SHOE	8 5/8	24	8.097	J-55	261	261

Materials - Pumping Schedule					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	FRESH WATER	5	8.33	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	CLASS A COMMON	240	14.89	1.33	6.20
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	676.8	lbm
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	60.0	lbm
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Dispalcement	16.6214091	8.33	n/a	n/a

Job Number: LIB1706052305		Job Purpose: 01 Surface			
Customer:	Suemaur Exploration & Production, LLC		Date: 6/5/2017		
Well Name:	Lucky Sevens, LLC	Number: 102	API/UWI:		
County:	Sheridan	City:	State: KS		
Cust. Rep:	Phone:	Rig Phone: 0			
Distance:	50 miles (one way)	Supervisor:	James Peppin		
TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	
1730					left the yard
2039					arrive on loc an spotted trucks
2230					safety meeting with rig crew
2245	1000				test lines
2248	130		10	5	pump h20 ahead



Cement Job Summary

2250	280		57	6	pump cmt @ 14.9 wt 240 sks
2305	110		15	6	stright in to disp with h20
					disp the total of 15 bbls then close
					the well head value in
					circ 25 bbls = 104 sks to surf
					the crew and I thank the customer for
					the well done job



Cement Job Summary

Job Number: Lib1706111800		Job Purpose: 03 Plug	
Customer:	Suema Exploration & Production, LLC		Date: 6/11/2017
Well Name:	Lucky Sevens, LLC	Number: 102	API/UWI:
County:	Sheridan	City:	State: KS
Cust. Rep:	Phone:	Rig Phone:	
Legal Desc:		Rig Name: Murfin#7	
Distance	50 miles (one way)	Supervisor	Victor Corona-Marta

Employees:	Emp. ID:	Employees:	Emp. ID:
Victor Corona-Marta		Alex Ayala	
Victor Garcia			

Equipment:	
903-4/501-5	774-4/841-5

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	7 7/8			5,950	TAIL CEMENT	
OPEN HOLE	7 7/8				LEAD CEMENT	
OPEN HOLE	7 7/8					
OPEN HOLE	7 7/8					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	8 5/8	24	8.097		0	1,740

Materials - Pumping Schedule					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	ALLIED 40/60/4 POZ BLEND - CLASS A	260	13.78	1.43	6.90
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	65.0	lbm

Job Number: Lib1706111800		Job Purpose: 03 Plug			
Customer:	Suema Exploration & Production, LLC		Date: 6/11/2017		
Well Name:	Lucky Sevens, LLC	Number: 102	API/UWI:		
County:	Sheridan	City:	State: KS		
Cust. Rep:	Phone:	Rig Phone: 0			
Distance	50 miles (one way)	Supervisor	Victor Corona-Marta		
TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
6/11/2017					Date
2:30pm					Arrived at location
2:40pm					Rigged up to rig
2:50:pm					Safety meeting
3:12pm	180		10	4	Spacer
3:15pm	180		12.73	4	1st plug @2525 ft will pump 12.73bbbls
					50sks @13.79lbs
3:22pm			33.5	7	Displacement with mud 33.5bbbls
3:27pm					Rig crew pulling drill pipe



Cement Job Summary

4:03pm	160		25.46	4	2nd plug @1750ft will pump 25.46bbbls 100sks @13.79bbbls
4:15pm				7	Displacement 20bbbls with mud
4:18pm					Rig crew pulling drill pipe
5:00pm			37		Clean out hole with water 37bbbls used
5:11pm	90		12.73	4	3rd plug @300ft will pump 12.73bbbls 50sks @13.70lbs
5:15pm	20		1.93	2	Displacement with water 1.93bbbls
5:18pm					Rig crew pulling drill pipe
5:30pm	20		2.54	2	4th plug @40ft will pump 2.54bbbls cement to surface
5:45pm			7.6	2	Rat hole will pump 7.6bbbls to surface 30sks @13.79lbs
5:48pm			5	2	Mouse hole 5bbbls 20sks at 13.79lbs cement to surface
6:00pm					Finished job at 6:00pm Wash out pump into mud pit
					Rig down
					The crew and I thanked the company man and rig crew for job opportunity.
					Boosted out pump inside location.