

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
--	---

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	ELK Energy Holdings LLC
Well Name	LIPPELMANN 4-14
Doc ID	1463308

All Electric Logs Run

CPI
DIL
DUCP
MEL



PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

11790
40123

TICKET NUMBER 55986
LOCATION Oakley Ks.
FOREMAN Cory Davis
Garry P

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 900131

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
2-2-19	2530	Lippelmann #4-14	14	105	33E	Thomas KS	
CUSTOMER EIK Energy		Oakley Ks N to 20c W to 23 N 1 mile E into		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 2250 N. Rock Road Ste. 118-107				753	Cory W.		
CITY Wichita		STATE KS	ZIP CODE 67226	70	Kalob W.		
					Xavier C.		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 345 CASING SIZE & WEIGHT 8 5/8 24#
 CASING DEPTH 345 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.24 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 2 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Softy meeting rig up on well 10 circ. casing mix 280 sks cement
3% CC 2% gel wash up and displace 2.5 BBL H2O shut in rig down

Aprox 5 BBL To pit

Cement Old
Circ.

Thanks you
Cory D. & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0471	1	PUMP CHARGE	1150.00	1150.00
CE 0002	10	MILEAGE	7.15	71.50
CE 0711	13.2	Ton mileage Delivery Min	66.00	66.00
502 CC 5871	280 sks.	Surface blend	24.00	6720.00
			Sub total	8601.50
			25% Disc.	2150.38
			total	6451.13
			SALES TAX	403.20
			ESTIMATED TOTAL	6854.33

Ravin 3737

AUTHORIZATION [Signature] TITLE [Signature] DATE 2-3-19

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 990

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-9-19	14	10	33	Thomas	KS		6:45 PM

Location Oakley 2nd Exit 2S 6W 1 1/2 N

Lease Lippelmann Well No. 4-14 Owner Einto

Contractor WW 10
Type Job Bottom Stage
Hole Size 7 7/8 T.D. 4701 Charge To Elk Energy

Csg. 5 1/2 Depth 4696 Street _____

Tbg. Size _____ Depth _____ City _____ State _____

Tool DV Depth 2660' The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 40.08 Shoe Joint 40.08 Cement Amount Ordered 175 com 10% Salt

Meas Line _____ Displace 108 bbl _____ 5% Wilsonite

EQUIPMENT			Common
Pumptrk	17 No.	Cementer Helper <u>Brett</u>	175
Bulktrk	9 No.	Driver <u>David</u>	Poz. Mix
Bulktrk	No.	Driver <u>Randy</u>	Gel.
			Calcium

JOB SERVICES & REMARKS Hulls _____

Remarks: Salt 15

Rat Hole Flowseal _____

Mouse Hole Kol-Seal 750 #

Centralizers - 5, 8, 10, 12, 14, 16, 18, 20 + 50 Mud CLR 48 - 500 Gal

Baskets - 6, 21 + 51 CFL-117 or CD110 CAF 38 20 bbl KCL

DV ~~and~~ Jr 51 @ 2660' Sand _____

Handling 197 Mileage _____

Ran 4696' 5 1/2 casing + Est cir Guide Shoe _____

Mix 500 gal Mud Flush + 20 bbl KCL 5 1/2 FLOAT EQUIPMENT

Mix 175 sx Centralizer - 9

Displace 45 bbl H2O, 54 Mud + 9 H2O Baskets - 3

Total 109 bbl AFU Inserts _____

Lift pressure @ 800 lbs Float Shoe - 1

Landed @ 1500 lbs Latch Down - 1

Plug held DV Tool - 1

Opened DV Tool @ 800 lbs Scratchers - 28 TOP

Mileage 15 (min) Pumptrk Charge prod string Stage

Signature [Signature] Thanks

Tax	
Discount	
Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 991

Cell 785-324-1041

Date	2-9-19	Sec.	14	Twp.	10	Range	33	County	Thomas	State	KS	On Location		Finish	10:43 PM					
Location													Oakley 2nd Exit 2S 6W 1 1/2 N E into							
Lease	Lippelmann			Well No.	4-14			Owner												
Contractor	W W 17			To Quality Oilwell Cementing, Inc.								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	Top Stage			Charge To								Elk Energy								
Hole Size	7 7/8			T.D.	4701			Street												
Csg.	5 1/2			Depth	4696			City								State				
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.												
Tool	DV			Depth	2660'			Cement Amount Ordered								450 #120 QMDC 1/4 Flt				
Cement Left in Csg.				Shoe Joint				Meas Line								Displace 61 3/4 bbl				
EQUIPMENT													Common				430 #120 QMDC			
Pumptrk	17			No.	Cementor			Poz. Mix												
				No.	Helper															
Bulktrk	21			No.	Driver			Gel.												
				No.	Driver															
Bulktrk				No.	Driver			Calcium												
				No.	Driver															
JOB SERVICES & REMARKS													Hulls							
Remarks:													Salt							
Rat Hole - 30 sx													Flowseal 125 #							
Mouse Hole													Kol-Seal							
Centralizers													Mud CLR 48 - 500 Gal							
Baskets													CFL-117 or CD110 CAF 38							
DN prod string J+ 51 @ 2660'													Sand							
													Handling 430							
Plugged Rat hole w/ 30 sx													Mileage							
Mix 475 sx QMDC													5 1/2							
Mix 500 gal Mud Flush													GUIDE SHOE							
Mix 420 sx QMDC													Centralizer - 9							
Displaced 61 3/4 bbl H ₂ O													Baskets - 3							
Lift pressure @ 600 lbs													AFU Inserts							
Landed Plug @ 1200 lbs													Float Shoe - 1							
Plug held													Latch Down - 1							
													DV Foot							
													Scratchers - 28							
Cement circulated'													Pumptrk Charge				prod string Top Stage			
													Mileage				15 min			
Signature													Tax							
													Discount							
													Total Charge							

Thanks
KS

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 346-337-6211
<http://kcc.ks.gov/>

Dwight D. Keen, Chair
Shari Feist Albrecht, Commissioner
Susan K. Duffy, Commissioner

Laura Kelly, Governor

July 23, 2019

Chris Knowles
ELK Energy Holdings LLC
2250 N. ROCK RD. STE 118-107
WICHITA, KS 67226

Re: ACO-1
API 15-193-21037-00-00
LIPPELMANN 4-14
NW/4 Sec.14-10S-33W
Thomas County, Kansas

Dear Chris Knowles:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 02/02/2019 and the ACO-1 was received on July 23, 2019 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

Sean Deenihan

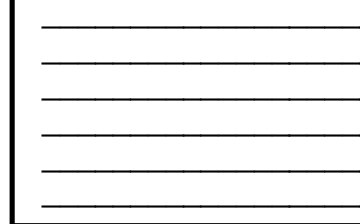
Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Elk Energy Holdings, LLC	ELEVATIONS	KB 3153'
LEASE	Lippelmann #4-14	DF	
FIELD	Spica	GL	3148'
LOCATION	950' ENL & 335' FWL	Measurements Are All From Kelly Bushing	
SEC	14 TWP 10 S RGE 33 W		
COUNTY	Thomas STATE Kansas		
CONTRACTOR	W W Drilling Rig #10		
SPUD	COMP 4702'	CASING	CONDUCTOR SURFACE 8'-5/8" at 347'
RTD	LTD 4702'		PRODUCTION 5.5" @ 1TD
MUD UP	TYPE MUD Chemical		
SAMPLES SAVED FROM	3700' TO RTD		
DRILLING TIME KEPT FROM	3700' TO RTD		
SAMPLES EXAMINED FROM	3700' TO RTD		
GEOLOGICAL SUPERVISION FROM	3550'		
REFERENCE WELL			

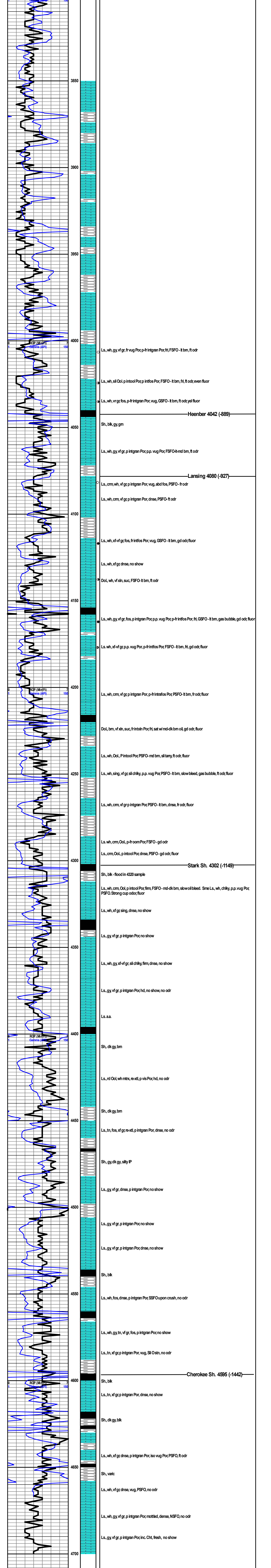
Formation	Sample Tops	E-log Tops	Struct Pos.
B/Anhydrite		2686 (+467)	
Heebner Sh.		4042 (-889)	
Lansing		4080 (-927)	
Stark Sh.		4304 (-1131)	
Pt Scott		4568 (-1415)	
Cherokee Sh.		4595 (-1442)	



REMARKS Based on sample analysis, log evaluation, and relative structural position, the Lippelmann #4-14 will be further evaluated through production casing.

Respectfully Submitted,

Sean P. Deenihan



API # 15-193-21037-00-00

Operator: Elk Energy Holdings LLC.

Well Name & No: Lippelmann 4-14

Location: 950' FNL 335' FWL Sec14 10s 33w

County: Thomas

State: Kansas

Rig No.: 10 Contractor: WW Drilling LLC

Tool Pusher: Ricky Hilgers

Drill Collars: 14

Rig Phone: 785-743-8492

Make Pump: K-380

Liner & Stroke: 14 X 16"

Spud 2/2/2019. 4:00 PM

Approx. TD: 4,700'

Elevation: 3,148'

KB 3,153'

Hole

Complete 2/8/2019. 4:15 PM

Mud Co.: Andy's Mud

Mud Engineer: Arron Blew

Water Hoxie Tank Service

Date	02/02/19	02/03/19	02/04/19	02/05/19	02/06/19	02/07/19	02/08/19	02/09/19	02/10/19	
Days	1-Spud	2-Woc	3-Drlg	4-Drlg	5-Drlg	6-Drlg	7-Drlg	8-Logging	9-Done	
Depth		345'	2210'	3225'	3804'	4234'	4567'	4700'	4700'	
Ft. Cut		345'	1865'	1015'	579'	430'	333'	133'	0	
Drill Time	3.75	0	20.25	22.5	22.5	20.75	23.25	9	0	
Down Time		0	0	0	0	0	0	0	0	
Comp. Time		6-Woc	3-Jetting	.75-Jetting	.75-Jetting	2.75-ST	.25-Jet	19.75	19.75	
Bit Wt.		10,000	25,000	38,000	38,000	38,000	38,000	38,000	0	
RPM		100	90	85	85	85	85	85	0	
Pressure		400	750	850	775	800	900	900	0	
SPM		60	60	60	60	60	60	60	0	
Mud Cost		Na	\$1,968	\$1,968	\$10,396	\$10,445	\$10,445	\$11,958	\$11,958	
Mud Wt.		8.6	9.2	9.6	8.8	9.2	9.3	9.3	0	
Viscosity		28	28	28	58	51	53	58	0	
Water Loss		Na	Na	Na	7.2	7.2	7.6	7.6	0	
Chlorides		Na	500	500	2000	3000	3000	2500	0	
L.C.M.		Na	Na	Na	2#	2#	2#	2#	0	
Dev. Sur		.25* 245'	Na	Na	Na	Na	Na	.75* 4700'	0	
Dev. Sur		-	Na	Na	Na	Na	Na	Na	0	
Fuel		2,015	1,589	1,176	3798	3135	2620	2259	2015	
Water-Pit		1/2	1/4	1/2	3/4	3/4	3/4	1/2	0	
ACC Bit Hrs.		3.75	20.25	42.75	65.25	86	109.25	118.25	0	
Formation		sd-sh	sd-sh	sh-lm	sh-lm	sh-lm	sh-lm	sh-lm	0	
Weather		P/C	Foggy	Cloudy	Cloudy	Cloudy	Clear	Clear	0	
Safety Topic		Cementing	Conn	Jetting	Chem Mud	Weather	Teamwork	Wire Line	0	
No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops	
1	12 1/4	Stc Tooth	345'	345'	3.75	3.75	RR	RH-7560	3-15's	
2	7 7/8	Stc-F27	4700'	4357'	118.25	122	New	RJ-9442	3-15's	
3										
4										
DEPTH	SIZE	SACKS	CEMENT MATERIAL			Plug Down	Drilled Out	REMARKS		
Set @ 345'	8 5/8	280	Common, 3% cc, 2% gel			1:00 AM		Qes Did Circ		
Set @ 4693	5 1/2"	450	1 stage 175 sks 10% salt 5% gilsor							
			hd Stage 450 sks 80/20 qmdc 1/4 f			10:45 PM	2/9/2019	Quality Did Circ		
NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY				
1										
2										
3										
4						420 sks down hole				
5						30 sks in rat hole				

SURFACE CASING FURNISHED BY: Sunrise, Hauled By WW 8 jnts of 8 5/8 23# J55 Tally 338.08 Set 345'

Surface Pipe Strapped & Welded By: Mark H WW Drilling. Anhydrite 2654'-2690'. Dis.Complete @ 3491' with 720 BBL in .25 Hr., Short Trip@3987', 30 Stands in 2 Hrs. Short trip @ 4700 RTD 20 stands 2.75 hrs. trip time, Loggers hit bridge @ 2278 trip back in to condition hole, LTD 4702' Logged by Pioneer wire line. Ran 3 hrs. log time Td @ 5:15 am 2/9/19. 116 jnts of 5 1/2 tally 4696' set 4693' Dv Tool set @ 2660' Set slips @ 10:15 pm, Rig Released @ 2:45 am 2/10/19. Teeter Delivered Csg out.