

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1233750

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 #	API No. 15				
Name:	Spot Description:				
Address 1:	SecTwpS. R 🔲 East 🗌 West				
Address 2:	Feet from North / South Line of Section				
City: State: Zip:+	Feet from _ East / _ West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:				
☐ Oil ☐ WSW ☐ 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: ☐ Well Name:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.				
Original Comp. Date: Original Total Depth:					
□ Deepening □ Re-perf. □ Conv. to ENHR □ Conv. to SWD □ Plug Back □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:				
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:				
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec. TwpS. 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 Approved by: Date:			

Page Two



Operator Name: Lease Name: _ _ Well #: _ 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** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No Yes
 Yes
 ■
 Yes
 ■
 Yes
 ■
 Nes
 Nes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) 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** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: DISPOSITION OF GAS: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

3360



Hydraulic Fracturing Fluid Composition:

Total Base Fluid Volume (gal)*:

rade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Authorized Representative's Name, Address and Phone Number
					Gel 5 gallons	80 bls water	Morvel Co. Inc.
					22.7 KG		4002 Liberty Bell Road
					8 sacks 20-40 silica sai	nd	Fort Scott, Kansas 66701
					5 sacks 16-30 silica sai	nd	
	L				1.		
edients shown above	are subject to 29 CRF	1910.1200(i) and appear	on Material Safety Data Sheets (MSDS).	. Ingredients shown b	pelow are Non-MSDS.	1	T
	1						
	1						
					1	1	

HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

*Total Water Volume sources may include fresh water, produced water, and/or recycled water. **Information is based on the maximum potential for concentration and thus the total may be over 100%. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers' Material Safety Data Sheets (MSDS).

GASING MECHANICAL INTEGRITY TEST	J GPS: DUCKEI# <u>E- 12,025</u>
Disposal Well Enhanced Recovery: Repressuring	NW NE NW, Sec 11, T 20 S,R 23 AW
NW- of Flood	4678 Feet from South Section Line
Tertiary	3712 Feet from East Section Line
Date injection started API #15- 107- 25069	Lease PERSON Well# I-25
	County LINN
Operator: US DIL CO. Name &	Operator License# 6/57
Address 15518 E, 85074 KD.	Contact Person DARRELL JACKSON
MOUND CZTY, KS 66056	Phone 913-795-2564
Max. Auth. Injection Press Psi; Max Inj If Dual Completion - Injection above production	
Conductor Surface	And the state of t
Size 7"	4'/2'' Size
Set at	276' Set at
Cement Top Bottom Cicc. 22'	
	D (and plug back) 280' ft. depth
Packer type Si	zeSet at
Zone of injection ft. to ft.	Perf. or open hole
Type MIT: Pressure: Radioactiv	Temperature Survey:
F Time: Start 10 Min 20 Min 30	Min KANSAS CORPORATION COMMISSION
1 E Pressures: 170 170 170	NOV 2 4 2014
L	Set up 1 System Pres. duringstestation division WICHITA, KS
D	Set up 2 Annular Pres. during test
D A	Set up 3 Fluid loss during test bbls.
T Tested: Casing \(\) or Casing - Tubing	
The bottom of the tested zone in shut in with	PRESSURE TEST (RUBBER PLUG)
Test Date 10/7/2014 Using	Co. Tools Company's Equipment
The operator hereby certifies that the zone between	n \mathcal{D} feet and 276 feet
was the zone tested	
Signature	Title
The results were Satisfactory XX Margina.	Not Satisfactory
State Agent:	Title: PIRT Witness: YES NO NO
REMARKS: PRESSURE LASING TO 17	O# WELL NOT PERFORATED.
Orgin. Conservation Div.:	DHE/T: Dist. Office
	nt or a Mechanical Casing patch in the annular space? (Y/N)
GPS Lat 38, 32917888 GPS Lo	

INVOICE

REPRINT

Page: 1

FRT MO MO MO Code Invoice No: 223349 5/22/2014 11:21:56 J&JOIL MOUND CITY, KANSAS 66056 INVOICE TO: Freight Description SHRINK WRAP PER PALLET CONCRETE PALLETS 92.6 LB. ASH GROVE PORTLAND CEMENT Order No: OIL Fax: 001049 DELIVER TO: P/Q No 245.00 7.00 7.00 Qty 1.00 Tax No: Received KANSAS CORPORATION COMMISSION Display Pack Each Each Unit CONSERVATION DIVISION WICHITA, KS Each NOV 2 4 2014 Date Due: 6/30/2014 Price \$25.15 \$5.00 \$1.00 \$9.05 Discount Processed: 5/17/2014 Coleman Hardware LLC Mound City, KS 66056 Phone: 913-795-2895 P.O. Box 326 505 Main St -2.10.58PM \$2,217.25 Amount \$25.15 \$35.00 \$7.00 A.C.N

Comments:

Salesperson: Administrator

Signature:

Total:

Total Sales Tax:

\$163.33

\$2,447.73

J&J OIL COMPANY MOUND CITY KANSAS 913-795-2426 OR 2586

LEASE: PERSON OPERATOR: J &	API NO: 15-107,250 ₆₉₋₀₀
CONTINCTOR: Company Tools DATE STATE	API NO: 15-107,250 ₆₉₋₀ 0 RTED: Sept23-2014 DATE COMP: Sept23-2014
279' WELL NO: 1-25	110 T 11 11 11 11 11 11 11 11 11 11 11 11 1
SURFACE PIPE: 23' 7" SURFACE BY	TT · 8 3 /4 SASTE
DAC .	14 (14 (14)
LEGAL DISCRIPTION:	SACKS OF CEMENT:
SEC: 11 TWP: 20 COUNTY: Linn	PANGE:
TRICKMESS/DEPT TYPE OF FORM. 0-1 Topsoil	THICKNESS/DEPT TYPE OF FORM.
-Feet1	12-236 shalo
	8-244 32-7-1
	8-252 shale
7 24	20-272
	279 TD
5-43 shale	
	Photos and the second s
	KANSAS CORPORATION C
6-187 redbed	NOV 2 4 2014
7-194 shale	CONSERVATION DIVISION WICHITA, KS
1-195 redbed	
3-198 shale	
12-221 sandy-shale-lime	
2-223 shale	
1-224 lime	