

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1189537

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:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content:ppm Fluid volume:bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
Γοιιπίπ.	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date Recompletion Date	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:					

Page Two



Operator Name:				_ Lease N	lame: _			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ing and shut-in pressu	ires, whe	ther shut-in pre	ssure reach	ned stati	c level, hydrostat	tic pressures, bott			
Final Radioactivity Log files must be submitte						gs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No		L		n (Top), Depth an			mple
Samples Sent to Geol	ogical Survey	_ Ye	es No		Nam	е		Тор	Da	tum
Cores Taken Electric Log Run		Y€								
List All E. Logs Run:										
			CASING		Ne					
				onductor, su	rface, inte	rmediate, producti			T	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
			ADDITIONAL	CEMENTIN	IG / SQL	EEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and P	ercent Additives		
Perforate Protect Casing	Jop Zollow									
Plug Back TD Plug Off Zone										
1 ag on zono										
Did you perform a hydrau	ılic fracturing treatment o	n this well?	•			Yes	No (If No, ski	o questions 2 ar	nd 3)	
	otal base fluid of the hydra		J	,	0		_ , , ,	p question 3)		
Was the hydraulic fractur	ing treatment information	submitted	to the chemical o	disclosure reç	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1	<i>)</i>
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Cement		d	Depth
	. ,					,		,		
TUBING RECORD:	Size:	Set At:		Packer At	:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	IR.	Producing Meth Flowing	od: Pumping	e 🗆	Gas Lift O	ther <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er Bt	ols. G	as-Oil Ratio		Gravity
DISDOSITIO	ON OF GAS:			1ETHOD OF	COMPLE	TION		PRODUCTIO	N INTEDVA	
Vented Sold			Open Hole	Perf.	Dually	Comp. Com	nmingled	THODOGHC	ZIA IIA I ELIAN	
(If vented, Sub			Other (Specify)		(Submit)	ACO-5) (Subr	mit ACO-4)			

Form	CO1 - Well Completion			
Operator	Indian Oil Co., Inc.			
Well Name	BK Ohlson 1			
Doc ID	1189537			

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
SURFACE	12.25	8.675	23.00	780	CLASS A; 65:35	325	6% gel; 3%cc
production	7.875	5.5	15.5	5064	60:40/clas s A		4% gel; 5% FL 160 defoamer

HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

Fracture Date:	1/9/2014	
County:	Barber	
Operator Name:	Indian Oil	
Well Name and Number:	BK Ohlson #1	
Total Base Fluid Volume (gal)*:	369300	

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25%	0.0190878%
Plexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10%	0.0025000%
Plexsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	50%	0.0125000%
Claymax	Chemplex	Clay Stabalizer	No hazardous ingredient	N/A	0%	0.0000000%
Plexcide B7	Chemplex	Biocide	Sodium Hydroxide	1310-73-2	5%	0.0002500%
Plexcide B7	Chemplex	Biocide	Alkaline Bromide Salts	N/A	0%	0.0000000%
Plexgel Breaker XPA	Chemplex	Breaker/Slickwater	Hydrogen Peroxide	7722-84-1	7%	0.0014189%
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50%	0.5000000%
Plexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60%	0.6000000%
Frac Sand	Uniman	Propant	Crystalline Silica in the form of Quartz	14808-60-7	60%	26.4%
Plexgel 907L-EB	Chemplex	Gelling Agent	Hydrocarbons	68476-34-6	100%	0.5000000%
Plexgel Breaker 10L	Chemplex	Breaker/Gel	No Hazardous Ingredient	N/A	0%	0.0000000%

#471/265 BULK TRUCK #471/265 CONTRACTOR
TYPE OF JOB P **SIGNATURE** PRINTED NAME #421, LEASI DATE TERMS AND CONDITIONS" listed on the reverse side done to satisfaction and supervision of owner agent or STREET CHARGE contractor. contractor to do work as is listed. and furnish cementer and helper(s) to assist owner or You are hereby requested to rent cementing equipment To: Allied Oil & Gas Services, LLC **BULK TRUCK** DISPLACEMENT 122 BBL 2% TOOL OLD OR NEW (Circle one) MEAS. LINE CEMENT LEFT IN CSG. CASING SIZE 3 3 PRES. MAX DRILL PIPE HOLE SIZE 1250 WOLLS. 70 I have read and understand the 4 2 DRIVER DRIVER HELPER CEMENTER G WELL! 4 EQUIPMENT REMARKS STATE SHOE JOINT DEPTH DEPTH DEPTH SOLU T.D. 5040 MINIMUM DEPTH The above work was 79. RANGE CALLEDOUT LOCATION 211+P. J., R. 1 + J. himesch. ZIP を モ SALES TAX (If Any) DISCOUNT TOTAL CHARGES **POZMIX** 12881 MANIFOLD GEL loom Class MILEAGE **EXTRA FOOTAGE** PUMP TRUCK CHARGE DEPTH OF JOB MILEAGE HANDLING ASC CHLORIDE COMMON OWNER AMOUNT CEMENT Indian ORDERED 74.4.2 **PLUG** ON LOCATION & FLOAT EQUIPMENT 505 Ö SERVICE 60:40:4% C+1 99999 JOB START ⊚ (8) (9) (8) **@ @ @ ®** (8) (9) 9 9 0 **® ®** (9) m. Jane La TOTAL TOTAL TOTAL IF PAID IN 30 DAYS JOB FINISH

SERVICE POINT:

ALLIED OIL & GAS SERVICES, LLC 059947

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999 SERVICE POINT: SOUTHLAKE, TEXAS 76092 Medicine Ladge KS ON LOCATION
830 AM CALLED OUT 5.30 AM RANOE JOB FINISH J200 Noon JOB START DATE 11/16/13 1100AM LOCATION 2814 Roundus Rd. 1 South to State line LEASE BK Ohlen WELL# / OLD OR(NEW) (Circle one) on West Side of House CONTRACTOR 1/4 # 5 OWNER Indian TYPE OF JOB Suffere HOLE SIZE | 2/4 T.D. 780 CEMENT AMOUNT ORDERED 2503x 65:35:6% Ge +3% cc +4 # Florealy 175 & Class A +3%cc CASING SIZE 83 DEPTH 772 TUBING SIZE DEPTH DRILL PIPE DEPTH **TOOL** DEPTH PRES. MAX 500 COMMON Class A 175 SX @ 17.90 3/32.50 <u>MINIMUM</u> MEAS. LINE SHOE JOINT 42 POZMIX CEMENT LEFT IN CSG. **GEL** PERFS. CHLORIDE @ 64.00 896.00 DISPLACEMENT 47 BBL Fre ASÇ @ 16.50 4/25.00 **EQUIPMENT** <u>2.97 @ بطا</u> losea PUMPTRUCK # 471/265 CEMENTER Jasen Thinous HELPER JUSTIN BOWER **BULK TRUCK** # 421/252 DRIVER Roy **BULK TRUCK** DRIVER HANDLING 47/-36 Cuft @ 2.48 MILEAGE 18/4 + 15 x 2.5 41 x 2.60 **REMARKS:** TOTAL/12,752.19 Press test, Pump Reflut, Mixt Pump Ld/Th cenent, Displace Bung place Did circ conent SERVICE PUMP TRUCK CHARGE 2058.50 **EXTRA FOOTAGE** MILEAGE @ 7.70 MANIFOLD + Here CHARGE TO: Indian Oil TOTAL 2636,60 STREET. CITY. STATE_ ZIP_ PLUG & FLOAT EQUIPMENT Rubber Pl Backet. 0 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 TOTAL 302.75 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any). TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES __ PRINTED NAME_ DISCOUNT. IF PAID IN 30 DAYS SIGNATURE