

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1150267

Form ACO-1 June 2009 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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Fast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil       WSW       SWD       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:	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
Operator:	Defilie a Finite Management Dise
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:      SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW         Permit #:	County: Permit #:
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	

### 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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	1150267
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No	L		n (Top), Depth an	d Datum Top	Sample
Samples Sent to Geolog	gical Survey	Yes No	INdill	C		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<ul> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> </ul>					
List All E. Logs Run:							
		CASING	RECORD Ne	ew Used			
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, 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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	Shots Per Foot PERFORATION Specify Foo			RD - Bridge P Each Interval F	lugs Set/Typ Perforated	e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD OF COMPLETION:		TION:		PRODUCTION INT	ERVAL:		
Vented Sold Used on Lease			Open Hole	Perf.	Uually (Submit )	Comp. ACO-5)	Commingled (Submit ACO-4)			
(If vented, Submit ACO-18.)				Other (Specify)	Other (Specify)					<u></u>

Lesse:         SYNDER           Owner:         Bobcat Oilfield Services Inc.           OPR #:         3895           Jowner:         DALE JACKSON PRODUCTION CO.           OPR #:         4333           Surface:         Cemented:           20' of 7'         Sacks           3''         Location: SW,NW,NE,SG           Longstring:         Cemented:           13''         Hole Size:           3''         Socks           2''         S''           Longstring:         Cemented:           Hole Size:         S''           2''/'''         Socks           2''/''''         Socks'           2''''''         Socks'           2'''''         Socks'           2''''''''''''''''''''''''''''''''''''	
OPR #:         3895         Sandard         Sa	
Trive         Dote         Product (Tr)         Product (Tr) <t< td=""><td></td></t<>	
Longstring: 316°F. OF         DALE JACKSUN PRODUCTION CO Started: 20' of 6"         Cell # 620-363-2683 8 %"         Office # 913-795-2991         FSL: 3465' FT FEL: 2475' FT           Longstring: 316°F. OF         Cemented: 5 Sacks         8 %"         Office # 913-795-2991         FSL: 3465' FT           Longstring: 316°F. OF         Cemented: 5 Sacks         Hole Size: 5 5/8"         SN: 285.5' FT.         Packer: NONE         Started: 6/13/13           Completed: 6/14/13         Completed: 6/14/13         Completed: 6/14/13         Completed: 6/14/13           TKN         BTM Depth         Formation         TKN         BTM Depth         Pormation           2         2         TOP SOIL         BTM         Depth         Formation           3         28         SHALE              2         30         BACK SHALE              2         30         BACK SHALE              2         30         BACK SHALE              5         57         BLACK SHALE              2         30         BACK SHALE              5         57         BLACK	
UPK #:         4339         Office # 913-795-2991         FEL: 2475' FT           Surface:         Cemented:         5 Sacks         8 %"         API#: 15-107-24729-004           Surface:         S Sacks         8 %"         No         Started: 6/13/13           Surface:         Cemented:         5 S/8"         Size:         Size:           Surface:         S Sacks         5 S/8"         Size:         Size:           Surface:         S Sacks         5 S/8"         Size:         Size:           Surface:         S Sacks         5 S/8"         Size:         Size:           Surface:         Surface:         Size:         Size:         Size:           Surface:         Surface:         Size:         Size:         Size:           Surface:         Size:         Size:         Size:         Size:         Size:           Surface:         Surface:         Bottom Plug:         TD: 320' FT.         TD: 320' FT.           Yeiged:         Bottom Plug:         TD: 320' FT.         TD: 320' FT.         Size:           Surface:         IM#         Surface:         Surface:         Surface:         Surface:           Surface:         UM#         Surface:         Surface:	
Virface:         Cemented:         Hole Size:         B X"           Longstring:         Cemented:         5 X/K         8 X"           100 g5ring:         Cemented:         5 S/K         8 X"           27/8 8rd         So SACKS         5 S/R"         Size:           318'FT. OF         So SACKS         5 S/R"         Size:         Size:           318'FT. OF         To So SACKS         5 S/R"         Size:         Size:         Size:           27/8 8rd         Formation         Size:	
Zord F6''         S Sacks         8 %''         Started: 6/13/13           Longstring:         Cemented: 50 SACKS         Hole Size: 5 /8''         Started: 6/13/13         Completed: 6/14/13           2 7/8 8rd         SN: 285.5' FT.         Packer: NONE         TD: 320' FT.           Well Log         Bottom Plug:         TD: 320' FT.           7KN         BTM Depth         Formation         Bottom Plug:           2         2         TOP SOIL         Entert Started: 6/13/13           2         2         TOP SOIL         Bottom Plug:           3         28         SHALE         IME           4         61         IME         IME           5         57         BLACK SHALE         IME           5         57.1         ILARE SHALE         IME           5         66         SHALE         IME           5         71         IME         IME           10         268         IME (STRONG ODOR)	0
Bits find.         Completed:         6/14/13           318 Fr.0         5 5/8"         Six 28.5" FT.         Packer:         NONE           Vell Log         Normation         TKN         BTM         Formation         TD:         320' FT.           2         2         TOP SOIL         Bottom Plug:         Bottom Plug:         TD:         320' FT.           2         2         TOP SOIL         Immet         Immet         Immet         Immet           3         28         SHALE         Immet         Immet         Immet         Immet           2         30         BACK SHALE         Immet         Immet         Immet         Immet           2         30         BACK SHALE         Immet         Immet         Immet         Immet           2         52         LIME         Immet	<u> </u>
27/8 8rd     SN: 285.5' FT.     Packer: NONE     TD: 320' FT.       Plugged:     Bottom Plug:     TD: 320' FT.       7KN     BTM Depth     Formation     TKN     BTM Depth     Formation       2     2     TOP SOIL	
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2325LIMEImage: Lime state sta	
3         28         SHALE         Image: Mark Shale           2         30         BACK SHALE         Image: Mark Shale           22         52         LIME         Image: Mark Shale           3         61         LIME         Image: Mark Shale           4         61         LIME         Image: Mark Shale           5         57         BLACK SHALE         Image: Mark Shale           4         61         LIME         Image: Mark Shale           5         66         SHALE         Image: Mark Shale           5         71         LIME         Image: Mark Shale           5         71         LIME         Image: Mark Shale           6         SHALE         Image: Mark Shale         Image: Mark Shale           74         LIME         Image: Mark Shale         Image: Mark Shale           6         229         SHALE         SET SURFACE 6/13/13           6         274         SHALE         SET SURFACE 6/13/13           6         274         SHALE         SET TIME 1:00 P.M.           8         282         SANDY SHALE (SLIGHT ODOR)         Image: Mark Shale Shale           1         290.5         OIL SAND (GOOD BLEED) (SOME SHALE)         Im	
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557BLACK SHALEImage: Strain of the strain o	
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158229SHALEImage: SHALE5234LIMEImage: SHALE24258SHALEImage: SHALE10268LIME (STRONG ODOR)SET SURFACE 6/13/136274SHALESET TIME 1:00 P.M.8282SANDY SHALECALLED IN 11:10 A.M. TALKED TO BROOKE5.5287.5SANDY SHALE (SLIGHT ODOR)WELL TD 320' FT.2289.5OIL SAND (GOOD BLEED) (SOME SHALE)LONG STRING 318' FT OF 2 7/8" 8RD PIPE1290.5OIL SAND (SHALEY) (FAIR BLEED)SET TIME 1:30 P.M. 6/14/131.5292OIL SAND (SOME SHALE) (GOOD BLEED)CALLED IN 12:40 A.M. TALKED TO BROOKE1293SANDY SHALE (SOME OIL SAND STREAKS) (POORImage: State	
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1 293 SANDY SHALE (SOME OIL SAND STREAKS) (POOR	
BLEED)	
2 295 OIL SAND (VERY SHALEY) (FAIR BLEED)	
8 303 SANDY SHALE (SOME OIL SAND STREAKS) (POOR	
BLEED)	
14 317 SHALE	100 Kol 100 G 7 10 To 1
1         318         COAL           TD         320         SHALE	
	1



BOBCAT OILFIELD SERVICES INC

SYNDER

3895

Lease :

Owner:

OPR #:

Dale Jackson Production Co. Box 266, Mound City, Ks 66056 Cell # 620-363-2683 Office # 913-795-2991

# Core Run <u>#1</u>

Well #: M-21S
Location: SW,NW,SW,NE, S8,T20,R23E
County: LINN
FSL: 3465'
FEL: 2475'
API#: 15-107-24729-00-00
Started:6/13/13
Completed: 6/14/13

er in i							
Contractor: DALE JACKSON PRODU		CTION CO. Started:6/13/13					
OPR #	OPR #: 4339		Completed: 6/14/13				
FT	Dept	h Clock	Time	Formation/Remarks			
0	283	0:00					
4	204	1.00		-			
1	284	1:00	1	-			
2	285	2:30	1.5	SANDY SHALE			287.5' FT.
	200	1.00	1.5				
3	286	4:00	1.5	-			
4	287	6:00	2				
5	288	7:00	1		a sea de marca este como este c		
5	200	7.00		-			
6	289	7:30	.5	OIL SAND (SOME	SHALE) (GOOD BLEED)		289.5' FT.
7	290	8:00	.5	a desired and the second s			
/	230	8.00		OIL SAND (SHALE	Y) (FAIR BLEED)		290.5' FT.
8	291	9:30	1.5			4	202/ FT
9	292	10:00	.5	OIL SAND (SOME	SHALE) (GOOD BLEED)		292' FT.
5	2.52	10.00					
10	293	12:00	2	SANDY SHALE (SC	OME OIL SAND STREAKS) (POOR BLEED)	-	293' FT.
11	294	13:30	1.5	-			32
				OIL SAND (VERY S	SHALEY) (FAIR BLEED)		295' FT.
12	295	16:00	2.5				
13	296	17:30	1.5	-			
				SANDY SHALF (SC	DME OIL SAND STREAKS) (POOR BLEED)		(F)
14	297	19:30	2				
15	298	22:00	2.5	-			
	×			-			
16	299	24:00	2				4
17	300	26:00	2				
4.0	201	20.00		-			
18	301	29:00	3	-			
19	302	32:00	3				
20	202	24.00	2	_			0
20	303	34:00	2	-			
		-					

a		OSSMAN UMBER COMPANY	POSE III) I TrueValue.
CUETOMER NO. JOB NO.	RUNCHASE ONDER ING. RECERPTION	Envs Juit 1070	CENK 0ATE 0146 RT 6/ 14/13 12/15
SUBCRT (DIL SUBUST COLUMPTE TURNISBURG,	1. RDHD 1.(8: 66053	DEL. DATE: 5/10/13 SLEPR: AR ROBERT TAX 1 901 LOUISD	
12871			080R 72985
18日 250 250 250 250 1 50 240 1	EI PORILARU 944 PURILARU ERENT 1/1 EI FLYRSH. BON SX FLY RSH	1 230 240	9.00 /EA 2,520.00 5.20 /EA 1,248.00
	ER PRILET RETURNABLE PALLET	14	17.00 /EA
	EA WROP SHRINK WROPPED PALLET	14	5.00 /EA 70.00 48.55 /ÊA 48.55
I KUM MUSSMAIN	ER FLYRSH BOR SX FLY ASH		48.55 /EA 48.55 5.20 /EA -26.00R
Ϋ́Υ.	CREDIT RETURN OVER CHANGE ON TICKET117	7984	
Σ	Cnider	Mrd	
1 - Z4AM			
	A INTERNET	10 sing astrait a 4,459.22	TANABLE 4499, 55 NIN-TAKOPLE 0, 60 SUBTOTIN 4036, 55
RECEIVE	<ul> <li>B - B - C - C - C - C - C - C - C - C -</li></ul>		TAL MARIET 360. 67 TOTAL ANDIET 4455. 22