

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1047502

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 #3895	API No. 15
Name:Bobcat Oilfield Services, Inc.	Spot Description:
Address 1: 30805 COLD WATER RD	NW_SW_NW_NE_Sec. 8 Twp. 20 S. R. 23 ▼ East West
Address 2:	4,325 Feet from North / South Line of Section
City: LOUISBURG State: KS Zip: 66053 + 8108	2,475 Feet from Feet from East / West Line of Section
Contact Person: Bob Eberhart	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 285-0873	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #_ 4339	County: Linn
Name:Jackson, Dale E & Sue Ellen dba Dale E. Jackson Production Co.	Lease Name: Snyder Well #: M-17S
Wellsite Geologist: N/A	Field Name: LaCygne-Cadmus
Purchaser: High Sierra Crude Oil	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: 898 Kelly Bushing: 0
✓ New Well Re-Entry Workover	Total Depth: 342 Plug Back Total Depth:
✓ Oil	Amount of Surface Pipe Set and Cemented at: 20 Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: 342  feet depth to: 0
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	
Dual Completion Permit #:	Operator Name:
SWD Permit#:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
10/01/2010 10/04/2010 11/05/2010	
Spud Date or Date Reached TD Completion Date or 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 I II Approved by: Deanna Garrison Date: 12/03/2010	

Side Two

1047502

Operator Name: Bo	bcat Oilfield Ser	vices, Inc.		Leas	e Name:	Snyder		_ Well #:	M-17S	
Sec. 8 Twp. 20	0_s. R. 23	_ ✓ East [	West	Cour	nty: Linr	<u>1</u>				
INSTRUCTIONS: S time tool open and c recovery, and flow ra line Logs surveyed.	tes if gas to surface	test, along with	s, wnetner i final chart	Shut-in pre	essure re	ached static lev	el hydrostatic proc	curac battan	a bala tamaanatii.	
Drill Stem Tests Take (Attach Additional	••	Yes	<b>√</b> No		~	Log Format	ion (Top), Depth ar	nd Datum	☐ Sample	
Samples Sent to Geo	ological Survey	Yes	✓ No		Nar Peru	ne		Top	Datum	
Cores Taken Electric Log Run Electric Log Submitte (If no. Submit Cop	•	✓ Yes ✓ Yes ✓ Yes	☐ No ☐ No ☐ No		reiu			270		
List All E. Logs Run:										
Gamma Ray/Neutron/	CCL									
			strings set-	RECORD		ew 🗸 Used ermediate, produc	ction, etc.	774-16		
Purpose of String	Size Hole Drilled	Size Ca Set (In (			eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Perce	
Surface casing	8.75	6.25		8		20	Portland	5		
Production casing	5.625	2.875		6		332	Portland/Fly Ash	50	60/40 Poz Mix	
		I AI	DDITIONAL	CEMENTI	ING / SOI	IEEZE BECORE				
Purpose:  Perforate Protect Casing	Depth Top Bottom	Type of Co		AL CEMENTING / SQUEEZE RECORD  # Sacks Used  T				Type and Percent Additives		
Plug Back TD Plug Off Zone	-									
Shots Per Foot	PERFORATION Specify I	ON RECORD -	Bridge Plugs	s Set/Type		Acid, Fra	cture, Shot, Cement S	Squeeze Recor		
4	276-280 and 281-					Acid 500 gal	7.5% HCL	ariai Usea)	Depth	
	1									
UBING RECORD:	Size:	Set At:		Packer At	:	Liner Run:				
Pate of First, Resumed P	roduction, SWD or ENH		ucing Metho	od: Pumping		Gas Lift O	Yes No			
stimated Production Per 24 Hours	Oil B	bls.	-	lcf	Water			s-Oil Ratio	Gravity	
DISPOSITION	I OF GAS:			THOD OF	COMPLET	ION:		PRODUCTIO	N INTERVAL:	
Vented Sold (If vented, Subm	Used on Lease	Open H		Perf.	Dually (		mingled nit ACO-4)			

Avery Lumber
P.O. BOX 66
MOUND CITY, KS 66056
{913} 795-2210 FAX {913} 795-2194

Merchant Copy INVOICE THIS COPY MUST REMAIN AT MERCHANT AT ALL TIMES!

Page: 1 Invoice: 10024372 Special 13:03:51 instructions : 09/28/10 Ship Date: Invoice Date: 10/04/10 Sale rep #: MAVERY MIKE Due Dete: 11/05/10 Sold To: BOBCAT OILFIELD SRVC,INC Ship To: BOBCAT OILFIELD SAVC,INC C/O BOB EBERHART (913) 837-2823

30805 COLDWATER RD LOUISBURG, KS 66053

(913) 837-2823

Customer #: 3570021

Customer PO

A---- D-TENEW

TOTAL

\$4012.67

f		<del></del>	00700	£ :	Cu	stamer PO:				Order By: TE	RRY	•	1
ORDER	SHIP	ı	U/M	ITEM#	T	DESCRIPT	ION.			Table 2		popimgQ1	571- T 27
315.00	315.00	Ī		CPPC			ION			Ait Price/		PRICE	EXTENSION
200.00	200.00		BAG	СРРМ	PORTLAND	CEMENT	784			7.990			2516.85
14.00	14.00		EA	CPOP	QUIKRETE	PALLETS	( <del>0                                   </del>			5.100			1020.00
14.30	14.00			OR V		•	enye	46	in the second	17.000	 	17.0000	238.00
		は人の政権を持ちないと						WALL STREET, WELL					
				FILLED BY	CHECKED BY	DATE SHIP	PED DA	NVER				Sales total	\$3774.85
				SHIP VIA	INN COUNTY								l
				III	EIVED COMPLETE A	NO IN GOOD CO	NOITION		Taxable	977	100		.
				x				l	Non-taxab Tax#	3774 ole (	00,0	Sales tax	237.82

1 - Merchant Copy



Dale Jackson Production Co.

Box 266, Mound City, Ks 66056

Cell # 620-363-2683

Office # 913-795-2991



Lease :	SNYDER
Owner:	BOBCAT OILFIELD SERVICES, INC
OPR#:	3895
Contractor:	DALE JACKSON PRODUCTION CO.
OPR#:	4339
	i and the second of the second

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

Well #: M-17S
Location: NW,SW,NW,NE SEC:8, T:20 S.R 23
County: LINN
FSL: 4325
FEL: 2475
API#: 15-107-24216-00-00
Started: 10-1-10
Completed: 10-4-10

FT	278' 280' 281'
1 275	280'
2   276	280'
3   277	280'
4 278 1 1 5 279 1 1 6 280 1 1 OIL SAND GOOD BLEED SOME SHALE (SOME OIL SAND STK) (POOR BLEED)  7 281 1.5 SANDY SAHLE (SOME OIL SAND STK) (POOR BLEED)  8 282 1 1 1 1 1 885 1 1 1 1 1 1 1 1 1 288 1 1 1 1 1 1 288 1 1 1 1	280'
5     279     1       6     280     1       7     281     1.5       8     282     1       9     283     1       10     284     1       11     885     1       12     286     1       13     287     1       14     288     1       15     289     1       16     290     1       17     291     1       18     292     2       19     293     2    CILLE AND CTAL (DOCUMENTS)	280'
6     280     1     OIL SAND GOOD BLEED SOME SHALE       7     281     1.5     SANDY SAHLE (SOME OIL SAND STK) (POOR BLEED)       8     282     1       9     283     1       10     284     1       11     885     1       12     286     1       13     287     1       14     288     1       15     289     1       16     290     1       17     291     1       18     292     2       19     293     2    FIMILE (OUR SAND STALE) SOME SHALE)	
7 281 1.5 SANDY SAHLE (SOME OIL SAND STK) (POOR BLEED)  8 282 1  9 283 1  10 284 1  11 885 1  12 286 1  13 287 1  14 288 1  15 289 1  16 290 1  17 291 1  18 292 2  19 293 2  5 CHARLE (SOME OIL SAND STK) (POOR BLEED)  SANDY SAHLE (SOME OIL SAND STK) (POOR BLEED)  SANDY SAHLE (SOME OIL SAND STK) (POOR BLEED)  SANDY SAHLE (SOME SHALE)  OIL SAND (GOOD BLEED) (SOME SHALE)	
8 282 1 9 283 1 10 284 1 11 885 1 12 286 1 13 287 1 14 288 1 15 289 1 OIL SAND (GOOD BLEED) (SOME SHALE) 16 290 1 17 291 1 18 292 2 19 293 2	
8 282 1 9 283 1 10 284 1 11 885 1 12 286 1 13 287 1 14 288 1 15 289 1 OIL SAND (GOOD BLEED) (SOME SHALE) 16 290 1 17 291 1 18 292 2 19 293 2	
10 284 1 1 11 885 1 1 12 286 1 1 13 287 1 1 14 288 1 1 15 289 1 OIL SAND (GOOD BLEED) (SOME SHALE) 16 290 1 1 17 291 1 1 18 292 2 2 19 293 2 CHARGO STAND ST	1
11 885 1 1 12 286 1 1 13 287 1 1 14 288 1 1 15 289 1 OIL SAND (GOOD BLEED) (SOME SHALE) 16 290 1 1 17 291 1 1 18 292 2 2 19 293 2 CHARGO STANCO STANCO STANCO	1
12	
13     287     1       14     288     1       15     289     1       16     290     1       17     291     1       18     292     2       19     293     2    CILLE (OLI SAND (GOOD BLEED) (SOME SHALE)	
14     288     1       15     289     1       16     290     1       17     291     1       18     292     2       19     293     2    SIMILE (AND STAL (DOOR NEED)	
15     289     1     OIL SAND (GOOD BLEED) (SOME SHALE)       16     290     1       17     291     1       18     292     2       19     293     2	
15     289     1     OIL SAND (GOOD BLEED) (SOME SHALE)       16     290     1       17     291     1       18     292     2       19     293     2	]
17     291     1       18     292     2       19     293     2         SIMIF (OU SAME STANCES)	
17     291     1       18     292     2       19     293     2	290'
18 292 2 19 293 2 CMAP (2015 AND STATE (2015 A	
19 293 2	
	ŀ
	ı
<del></del>	
<del></del>	
	1
	ı
	1

Lease:	SNYDER	
Owner:	BOBCAT OILFI	ELD SERVICES, INC
OPR#:	3895	ACCEPTAGE.
Contractor:	DALE JACKSON	PRODUCTION CO.
OPR#:	4339	10 14 1460
Surface: 20FT, 6IN	Cemented: 5 SACKS	Hole Size: 8 3/4
Longstring 332 2 7/8	Cemented: 50	Hole Size: 5 5/8

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

Well #: M-17S
Location: NW,SW,NW,NE SEC:8, T:20
S.R.: 23
County: LINN
FSL: 4325
FEL: 2475
API#: 15-107-24216-00-00
Started: 10-1-10
Completed: 10-4-10

Well Log

SN: Packer: 270' Bottom Plug:

Packer: TD: 342'

TKN	BTM Depth	Formation	TKN	8TM Depth	Formation
1	1	TOP SOIL.			
1	2	CLAY	1.	<b>†</b>	
21	23	LIME		ļ	
3	26	BLACK SHALE	<u> </u>		
24	50	LIME .			
3	53	SHALE			
3	56	BLACK SHALE			
2	58	LIME	<u> </u>		
5	63	SHALE			
6	69	LIME		<b></b>	
1	70	BLACK SHALE			
7	77	SHALE (LIMEY)	_		
10	87	SANDY SHALE			
25	112	SHALE			
10	122	SANDY SHALE		·	
20	192	SHALE			
1	193	BLACK SHALE	-		
9	202	SHALE (LIMEY)			
17	219	SHALE			
1	220	BLACK SHALE			
9	229	SHALE			
5	234	LIME			
4	238	SHALE			
17	255	SHALE (FLOW) (OIL SHOW)		<del></del>	
7	257	LIME (HEAVY FLOW)			
9	266	LIME (FLOW)			
4	270	SHALE (FLOW)			
1	271	OL SNAD (SHALEY) (FAIR BLEED)			
3	274	OIL SAND (FAIR BLEED) (LOTS OF GAS)			
16	290	OIL SAND (SEE CORE)			
11	301	SHALE (OIL SAND STK) (POOR BLEED)			
16	317	SHALE			
2	319	COAL			
7	326	SHALE	-		
11	337	LIME .			
TD	342	SNADY SHALE			
	·				
					,
	l				