ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

Recol takon WC

on 11/13/09.

Form ACO-1

OPERATOR: License # 3895	API No. 15 - 15-107-24027-00-00
Name: Bobcat Oilfield Service, Inc.	Spot Description: NE/4
Address 1: 30805 Coldwater Rd.	SE_SE_NW_NE_Sec. 8 Twp. 20 S. R. 23 V East West
Address 2:	4180 Feet from North / South Line of Section
City: Louisburg State: KS Zip: 66053 +	1520 /539 Feet from 🛭 East / 🗌 West Line of Section
Contact Person: Bob Eberhart	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 837-2823	MINE □NW MISE □SW
CONTRACTOR: License #_4339	County: Linn
Name: Dale E. Jackson Production Co.	Lease Name: Snyder Well #: _R-18A
Wellsite Geologist:	Field Name: LaCygne-Cadmus
Purchaser: High Sierra Crude Oil and Marketing, LLC	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: 914 Kelly Bushing: NA
✓ New Well Re-Entry Workover	Total Depth: 341 Plug Back Total Depth: 6
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 20.6 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
Other(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 20.6
If Workover/Re-entry: Old Well Info as follows:	feet depth to: Surface w/ 5 sx cmt.
Operator:	Dailling Floid Management Div.
Well Name:	Drilling Fluid Management Plan Alt II NUL 12-18-09 (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 1500-3000 ppm Fluid volume: 80 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:on lease
Plug Back: ————————————————————————————————————	
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
4/22/09 4/23/09 10/1/09	Quarter Sec TwpS. R 🔲 East 🗌 West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or c of side two of this form will be held confidential for a period of 12 months if rec tiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 fo	KCC Office Use ONLY Assert
, +1 / /	Letter of Confidentiality Received
Subscribed and sworn to before me this 6 aday of //avember	If Denied, Yes Date:
20 09	Wireline Log Received RECEIVED
Notary Public:	—— Geologist Report Received Kansas Corporation Commission
Date Commission Expires: 5 - 6 - 2012 LANE TOV NOTARY PUR STATE OF KAI My Appl. Exp. 5 -	NUV 0 9 2009
	WICHITA, KS

Side Two

Operator Name: Bob	cat Oilfield Servi		Lease	Lease Name: Snyder			Well #: R-18A				
Sec. 8 Twp. 20	20 S. R. 23						····				
time tool open and clo	sed, flowing and sl es if gas to surface	nut-in press test, along	ures, whether s	shut-in pre	ssure rea	ched static level	. hvdrostatic	pressures, bottom	giving interval tested, hole temperature, fluid Electric Wireline Logs		
Orill Stem Tests Taken (Attach Additional S		☐ Y	es 🔽 No		✓ Log Formation (Top), D			th and Datum	Sample		
Samples Sent to Geo	logical Survey	□ Y	es 🗹 No		Nam	ne		Тор	Datum		
Cores Taken Electric Log Run (Submit Copy)		☐ Y									
List All E. Logs Run:											
GammaRay/I	Neutron/CCL										
			CASING	RECORD	│ □ Ne	ew Used	·				
			ort all strings set-		_	ermediate, product	ion, etc.				
Purpose of String	Size Hole Drilled		t (In O.D.)		ight . / Ft.	Setting Depth	Type o Cemen		Type and Percent Additives		
Surface	9	8 3/4"				20.6	Portland	5			
Completion	5 5/8"	2 7/8"				335	Portland	50	50-50 POZ		
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD					
Purpose: —— Perforate	Depth Top Bottom				#Sacks Used Type			e and Percent Additives			
—— Protect Casing —— Plug Back TD											
—— Plug Off Zone											
Shots Per Foot			RD - Bridge Plug Each Interval Per					ement Squeeze Reco	rd Depth		
2	285.0-295.0	41 F	Perfs			Acid Fract	ure 2	285.0-295.0			
					<u>.</u>				RECEIVED KANSAS CORPORATION CO		
						-			NOV 0 9 20		
				-					CONSERVATION D		
TUBING RECORD:	Size:	Set At:		Packer /	At:	Liner Run:	Yes [No	WICHITA, K		
Date of First, Resumed	Production, SWD or E	inhr.	Producing Met	hod:	Flowing	g Pumpii	ng 🗌 G	as Lift Oth	ner (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity		
	ON OF GAS:		N	METHOD O	F COMPLE	ETION:		PRODUCTI	ON INTERVAL:		
☐ Vented ☐ Sold (If vented, Sub	· 	. –	Open Hole [Other <i>(Specify)</i>	Perf.	Dually	Comp. Cor	nmingled				

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

Customer Copy

PLEASE REFER TO INVOICE NUMBER ON ALL CORRESPONDENCE

poptmg01

Page: 1		Involce: 100	008306	
Special : Instructions : : Sale rep #: MAVERY MIKE	Acet rej		10:50:30 04/14/09 04/20/09 05/05/09	REPRINT
Sold To: BOBCAT OILFIELD SRVC,INC	Ship To: BQ			
C/O BOB EBERHART 30805 COLDWATER RD	(913) 837-2823			
LOUISBURG, KS 66063	(913) 837-2823		,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Customer#: 3570021	Customer PO:	Order By: BOB		5114
			Pomboog	T Y 27

ORDER	SHIP	L	U/M	ITEM#	DESCRIPTION	Alt Price/Uom	PRICE	EXTENSION
350.00 160.00 14.00	350.00 160.00 14.00	L	BG EA EA	CPPC CPPM CPQP	PORTLAND CEMENT POST SET FLY ASH 75# QUIKRETE PALLETS PALLETS NEED TO BE RETURNED FOR CRE	7.9900 BAG 5.1900 BAG 17.0000 EA	7.9900 5.1900 17.0000	2796.50 830.40 238.00
						H	ANSAS CORPORA	IVED TION COMMISSION 9 2009
					·		CONSERVA W.C+	iicn division Uta, KS
				FILLED	BY CHECKED BY DATE SHIPPED DRIVER		Sales total	\$3864.90
				SHIP VI	- RECEIVED COMPLETE AND IN GOOD CONDITIONTaxab	0.0	O Sales tax	204.84

2 - Customer Copy

\$4069.74

TOTAL

20, 6" Surface Comented 5 sacks Holesize 8 % lease - Snyder 335', 27%, Hydrill Pipe owner : Bobeat OH Falld saruhe cemented 50 sacks 87 gal squeeze 7,26 sack Hola siza 5 % contractor- Dela Jackson Prod. Co. OPA-4339 Top 50:1 3 lime 27 24 Black Shale 32 5 22 57 1.me 4 Shale 58 Black Shale 60 a 1,2 1.me 4 66 Shale 72 1.me Black Shele 73 5hala 41 114 SAND (Oru) 120 SANdy Shale 13 133 Shale 226 43 227 coal Shale 5 232 5 237 1,me 24 shale 261 272 1 ime (strong oder) light Shale 4 276 2 Oil soud shaley Gome How) 278 284 Oil soud some shale poor bleed 0:1 SAND shaley Fair Bleed 285 始 Oil sound shaley limay Fair Bleed 2893 52 Oil SAND Fair Bleed 295 Shale Oil sand strs. 299 Oil SAND Some Shale (Hard waterflow a 301 Shah DilsAnd strs. 4 305 Shale 17 322 Coal a 324 Black Shale 4 328 line 5 333

Shale

TD

341

cone Pepth Time 979 33 280 oil sand shaley 3 281 Poor Black 岛 282 る気 283 33 284 284 0:1 SAND Some Shale Fail Bleed 33 285 285 286 5 4 OT SAND Shaley limey 287 Fair Bleed 288 ξ<u>ξ</u> 289 289吉 4 290 3 291 O-1 SAND ふる 292 Fair Bleed コる 293 32 294 31 295 295 4 294 Shale Oil sandstrs, 台 297 6a 298

This well is a close offset from a Active Input well, core was water saturated from top to bottom Had some water flow 276-278 and a Heavy Water flow 1,74h Orl 299-301

285-295

RECEIVED KANSAS CORPORATION COMMISSIO

well# R-18A

started 4-22-09

completed 4-83-09

NOV **0 9** 2009

CONSERVATION DIVISION WICHITA, KS



MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES P.O. Box 68, Osawatomie, KS 66064 913 / 765 - 2128

GAMMA RAY / NEUTRON / CCL

File No.		Company Well	Bobo	ler	No	. R-	18A	IC.				
027		Field Cadmus - LaCygne										
-24,		County	Linn State Ka							ınsas		
107		Location							Other Services			
API#15-107-24,027			4180' FSL & 1539' FEL SE-SE-NW-NE						Perforate			
PI		Sec. 8 Twp. 20s					23e			Elevation		
4		Permanent Datum Log Measured Fro Drilling Measured		Elevati	ion 1	۱A	K.B. NA D.F. NA G.L. NA					
Date			6-0	2-2009								
Run Number		One										
Depth Driller	341.0			KANSAS CORPORATION COMMISSION								
Depth Logger			333.8				REC	FLONCY				
Bottom Logged			331.8			—— <u>————</u>	PR COMPAN	097	-enn			
Top Log Interval			20.0			Khin		09	100	М		
Fluid Level			Full				MO		NOW	Sh.,		
Type Fluid			Water					ERVAT	CA KB			
Density / Viscosity			NA NA				COM	Min				
Salinity - PPM C		NA NA				 		 				
Max Recorded Temp			NA 0.0						-			
Estimated Cement Top Equipment No. Location			0.0 104 Osawatomie						-			
Equipment No. Location Recorded By			Gary Windisch									
Witnessed By			<u>_</u>	Eberhart								
RUN	_	BORE-HOLE RE				CASING RECORD						
	BIT	FROM	ТО		SIZE				OM	ТО		
	.75"	0.0	20.	6	6.62	5"	0.0		.0	20.6		
	625"	20.6	341	_	2.87	E 11	y-Drill		.0	335.0		