

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 3895
Name: Bobcat Oilfield Services, Inc.
Address: 30805 Cold Water Rd.
City/State/Zip: Louisburg, KS. 66053
Purchaser: Pacer
Operator Contact Person: Bob Eberhart
Phone: (913) 837-2823
Contractor: Name: Jackson Production Co.
License: 4339

Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

11/13/08	11/14/08	12/19/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-107-24012-00-00
County: Linn
NW - NE - SW - NE Sec. 8 Twp. 20 S. R. 23 East West
3740 feet from (S) N (circle one) Line of Section
1760 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Synder Well #: Q-20
Field Name: Cadmus LaCygne

Producing Formation: Mississippian
Elevation: Ground: 890' Kelly Bushing: Do not drill deep enough
Total Depth: 342' Plug Back Total Depth: 16'
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 20'
feet depth to surface w/ 5 ^{sx cmt}

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1500-3000 ppm Fluid volume 80 bbls
Dewatering method used on lease
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

Alt 2 - DLG - 7/22/09

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Jon Duckell


Title: Agent Date: 2-12-09

Subscribed and sworn to before me this 12 day of February

20 09

Notary Public: J. Helms

Date Commission Expires: 5-21-2011

 **JESSICA M. HELMS**
Notary Public - State of Kansas
My Appt. Exp. 5-21-2011

Ho 4 #DZ CK - SB
KCC Office Use ONLY *file*
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

KANSAS CORPORATION COMMISSION

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Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Synder Well #: Q-20
 Sec. 8 Twp. 20 S. R. 23 East West County: Linn

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma Ray/Neutron/CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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
Surface	9	8 3/4"		20	Portland	5	
Completion	5 5/8"	2 7/8"		326'	Portland	50	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	269.0-279.0 31 Perfs		

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TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs. Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

396413

CUSTOMER'S ORDER NO.		DEPARTMENT		DATE			
				8-25-08			
NAME Bob Cat Oil							
ADDRESS							
CITY, STATE, ZIP							
SOLD BY		CASH	C.O.D.	CHARGE	ON ACCT.	MDSE RETD	PAID OUT
				✓			
QUANTITY	DESCRIPTION			PRICE	AMOUNT		
1	360 Bags PORTLAND			8.11	2919.60		
2							
3	160 Bags FLYASH			5.36	857.60		
4							
5							
6					277.20		
7					TAX 237.96		
8	16 Paquets out			14-	224-		
9							
10	21 Paquets Returned				(294-)		
11							
12	IN bound Freight				175-		
13							
14							
15					4120.16		
16							
17							
18							
19							
20							
RECEIVED BY							

adams
5805

KEEP THIS SLIP FOR REFERENCE

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lease Snyder
 owner Bobcat Oilfield Service
 contractor Dale Jackson
 Production Co.
 OPR 4339

20' 6" Surface, 8 3/4" Hole
 Cemented 5 sacks
 326', 2 7/8" 8rd pipe
 seating nipple 263'
 Cemented 50 sacks
 70gal squeeze
 5 5/8" Hole size
 TD 342'

Well # Q 20
 Surface set 11-13-08
 Completed 11-14-08

1	1	Top soil	
14	15	lime	
3	18	shale	
3	21	Black shale	
22	43	lime	
3	46	shale	
2	48	Black shale	
3	51	lime	
5	56	shale	
4	60	lime	
1	61	Black shale	
42	101	shale	
7	108	sandy shale	
3	111	sand (dry)	
15	126	sandy shale	
86	212	shale	
2	214	coal	
6	220	shale	
6	226	lime	
22	248	shale (Heavy flow ^{226'} (water & gas)) (Heavy flow ^{235'} (water, gas, some oil)) (Heavy flow ^{243'} water good oil show)	
10	258	lime	
3	261	shale	
5	266	light shale (Heavy flow ^{264'} (water good oil bleed))	
1	267	light shale some oil sand	
11	278	oil sand Good Bleed	5- 322 lime
3	281	oil sand some shale Good Bleed	15- 337 shale
3	284	oil sand shaley Good Bleed	TD- 342 Brown lime
5	289	shale oil sand str.	
3	291	oil sand shaley Good Bleed	
2	293	shale oil sand str. Poor	
19	312	shale	
2	314	coal	
3	317	shale	

269-279 3PF 31

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