

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

[Handwritten signature]

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. _____

<u>7/22/08</u>	<u>7/30/08</u>	<u>11/17/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-107-23926-00-00
County: Linn
SW SE NE Sec. 8 Twp. 20 S. R. 23 East West
2840 feet from (S) N (circle one) Line of Section
440 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 #: W-24
Field Name: Cadmus LaCygne

Producing Formation: Mississippian
Elevation: Ground: 948' Kelly Bushing: Do not drill deep enough
Total Depth: 860' Plug Back Total Depth: 505'
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.: _____

Handwritten: AH 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: *Don Dussell*

Title: Agent Date: 2-12-09

Subscribed and sworn to before me this 12 day of February, 2009.

Notary Public: *J. Helms*

Date Commission Expires: 5-21-2011

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

Handwritten: No 4 #02 CA - SB
KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Side Two

Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Synder Well #: W-24
 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"		355'	Portland	45	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	296.0-320.5 52 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 **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify)

CUSTOMER'S ORDER NO.		DEPARTMENT		DATE 8-6-08			
NAME Bob Cat Oil							
ADDRESS							
CITY, STATE, ZIP							
SOLD BY		CASH	C.O.D.	CHARGE <input checked="" type="checkbox"/>	ON ACCT.	MDSE RETD	PAID OUT
QUANTITY	DESCRIPTION			PRICE	AMOUNT		
1							
2	270	Bags Portland		8"	2189.70		
3							
4							
5	280	Bags Flyash		5 ³⁰	1500.80		
6							
7							
8							
9					3690.50		
10				Tax	232.50		
11							
12					3923-		
13							
14	16 Pallets out				224-		
15							
16	Freight				175-		
17							
18					4322.00		
19							
20							
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adams
5805

KEEP THIS SLIP FOR REFERENCE

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Lease - Snyder
 owner - Bobcat Oilfield services
 contractor - Dale Jackson Production Co.
 OPR - 4339

20' 6" surface, 8 3/4" Hole
 cemented 5 sacks
 355' 2 7/8" pipe
 seating nipple 293'
 cemented 45 sacks
 TD 860'
 Plugged Back 860' - 775' 13 sacks
 Gravel Plug 775' - 720'
 Plugged Back 720' - 370' 10 sacks

well # W-24
 started 7-22-08
 completed 7-30-08

2	2	Top soil	1 - 321	lime	64 - 684	Shale
4	4	clay	15 - 336	Shale	10 - 694	SAND (slight odor)
41	45	lime	2 - 338	Black shale	12 - 706	sandy shale
6	54	Black shale	4 - 342	Shale	6 - 712	white sand
20	71	lime (top 10' coarse)	10 - 354	lime	25 - 737	sandy shale
3	74	Shale	3 - 357	sandy shale	1 - 738	Coal
2	76	Black shale	7 - 364	Shale	12 - 750	Shale
2	78	lime	9 - 373	lime	2 - 752	Coal
5	83	Shale	2 - 375	Black shale	3 - 755	Shale
5	88	lime	9 - 384	sandy shale	1 - 756	Coal
14	102	Shale limy	3 - 387	Shale	1 - 757	Black shale
30	132	Shale	6 - 393	sandy shale	6 - 763	sandy shale
32	165	sandy shale	1 - 394	Black shale	3 - 766	SAND
47	212	Shale	2 - 396	light shale	25 - 791	sandy shale
5	217	light shale	5 - 411	lime	12 - 803	SAND
5	222	sandy shale	9 - 420	Shale	6 - 809	sandy shale
16	238	Shale	5 - 425	lime	12 - 851	lime (miss)
1	239	Coal	7 - 432	Shale	7 - 858	Shale (limy)
7	246	Shale light	3 - 435	Black shale	TD - 860	lime
5	251	lime	3 - 438	lime		
5	256	sandy shale	13 - 451	Shale		
24	280	Shale	10 - 461	sandy shale		
7	287	lime	40 - 501	Shale		
3	290	Shale	6 - 507	SAND		
3	293	light shale	34 - 541	Shale		
4	297	oil sand shale (Fair Bleed)	1 - 542	Black shale		
7	304	oil sand (Good Bleed)	11 - 563	Shale		
2	306	oil sand (Good Bleed Fractured)	1 - 564	Red Bed		
4 1/2	310 1/2	oil sand (Good Bleed)	10 - 574	Shale		
1	311 1/2	Shale	1 - 575	Black shale		
2	313 1/2	oil sand (Hardy Bleed)	34 - 619	Shale		
6 1/2	320	oil sand (Shale stry. Good Bleed)	1 - 620	Black shale		

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Core well # W-24
Snyder

Depth	Time	Formation	Remarks
300	2½		
301	3	Oil sand	Good Bleed 7'
302	2½		
303	3		
304	3		304'
305	3½	Oil sand	(Fractured) 2'
306	5	Good Bleed	306'
307	1½		
308	3	Oil sand	Good Bleed 4½
309	2½		
310	3		310½'
311	4	Shale	1' 311½'
312	2½	Oil sand	
313	2	Heavy Bleed	2' 313½'
314	3½	Oil sand	Good Bleed some shale 1' 314½'
315	4½		
316	6	Oil sand	Good Bleed
317	5½	Shale str.	