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.

8/4/08	8/6/08	11/12/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-107-23923-00-00
County: Linn
NE - NW - SE - NE Sec. 8 Twp. 20 S. R. 23 ✓ East ☐ West
3740 feet from (S) N (circle one) Line of Section
880 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 #: U-20
Field Name: Cadmus LaCygne
Producing Formation: Mississippian
Elevation: Ground: 917' Kelly Bushing: Do not drill deep enough
Total Depth: 360' Plug Back Total Depth: 31'
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.
Alt 2 - Dtg - 7/22/09

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.:

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: Ron Duskell
Title: AGENT Date: 2/17/2009
Subscribed and sworn to before me this 17th 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

KCC Office Use ONLY
Ho 4 4D2 CK -SB
N Letter of Confidentiality Received 2-23-09
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 #: U-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 (*Attach Additional Sheets*) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (*Submit Copy*) ☑ Yes ☐ No

List All E. Logs Run:

Gamma Ray/Neutron/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum

CASING RECORD ☐ New ☐ 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"		329'	Portland	60	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	271.0-281.0 21 Perfs		
2	284.0-294.0 21 Perfs		

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TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☐ No

Date of First, Resumerd Production, SWD or Enhr. Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (*Explain*)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (*Specify*) _____

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				3777 20
6			TAX	237 96
7				4015 16
8	16	Pallets out	14-	224 -
9				
10	21	Pallets Returned		(294 -)
11				
12		In bound Freight		175 -
13				
14				
15				4120 16
16				
17				
18				
19				
20				

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adams 5805

KEEP THIS SLIP FOR REFERENCE

lease- Snyder
owner - Bobcat Oil Feild Service
contractor - Dale Jackson Production Co.
OP2 - 4339

20', 6" Surface 8¾" Hole
cemented 5 sacks
329', 2⅞" 8rd pipe
Seating nipple 266'
cemented 60 sacks
38 gal squeze while pumping Plug 400psi
5⅝" Hole size
TD 360'

Well # U-20
started 8-4-08
completed 8-6-08

1	1	Top Soil	269½	2½	
21	22	lime	270½	3	Oil sand
5	27	Black Shale	271½	3	Heavy Bleed (Perforate)
20	47	lime	272½	3	Some water
3	50	Shale	273½	3½	
2	52	Black Shale	274½	4½	
2	54	lime	275½	4	Shale
5	59	Shale	276½	3½	Oil sand Fair Bleed Some water
5	64	lime	277½	4½	Oil Sand
4	68	Shale	278½	4	Some Shale Strs, Some water
4	72	lime	279½	3	
151	223	Shale	280½	7	
4	227	lime	281½	5	Shale
24	251	Shale	282½	4½	
9	260	lime (oder)	283½	4	
5	265	Shale	284½	2½	Oil Sand shale strs. some water
3½	268½	Shale (oder)	285½	3½	
4½	273	Oil Sand (Heavy Bleed)			
2½	275½	Shale	286½	4½	Shale
1½	277	Oil Sand (Fair Bleed)			
3	280	Oil Sand Shaley (Good Bleed)	287½	4	Oil Sand Heavy Bleed
4½	284½	Shale	288½	2½	Shale
1½	286	Oil Sand Shaley (Good Bleed)			
1	287	Shale			
1	288	Oil Sand (Heavy Bleed)			
8	296	Shale (Some Oil Sand Strs)			
16	312	Shale			
2	314	Coal			
2	316	Shale			
11	327	lime			
8	335	Shale			
5	340	lime			
6	346	Black Shale			
9	355	Shale			
2	357	lime			
TD	360	Shale			

268½ Between Bottom of Shale Top of Oil Sand Heavy Flow of water

276 - 276½ Impermable
276½ - 277 Perforate

277 - 278½ Impermable
278½ - 279 Perforate

285½ - 286 Perforate

287½ - 288 Perforate

271 - 281
284 - 294

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