

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3895  
Name: Bobcat Oilfield Services, Inc.  
Address 1: 30805 Coldwater Rd.  
Address 2: \_\_\_\_\_  
City: Louisburg State: KS Zip: 66053 + \_\_\_\_\_  
Contact Person: Bob Eberhart  
Phone: ( 913 ) 837-2823  
CONTRACTOR: License # 4339  
Name: Jackson, Dale E. & Sue Ellen dba Dale E. Jackson Production Co.  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: High Sierra Crude Oil & Marketing, LLC

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ 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. \_\_\_\_\_ Conv. to SWD  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
9/3/2009                      9/8/2009                      11/17/2009  
Spud Date or                      Date Reached TD                      Completion Date or  
Recompletion Date                                                                Recompletion Date

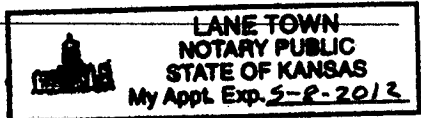
API No. 15 - 15-107-24086-00-00  
Spot Description: NE/4  
SW NE NW NE Sec. 8 Twp. 20 S. R. 23  East  West  
4933 Feet from  North /  South Line of Section  
1703 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Linn  
Lease Name: Snyder Well #: Q-15  
Field Name: LaCygne-Cadmus  
Producing Formation: Peru  
Elevation: Ground: 926 Kelly Bushing: N/A  
Total Depth: 341 Plug Back Total Depth: 7  
Amount of Surface Pipe Set and Cemented at: 20.5 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 20.5  
feet depth to: surface w/ 5 sx cmt.

Drilling Fluid Management Plan AH II NCR 12-21-09  
*(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: [Signature]  
Title: Agent Date: 11-20-09  
Subscribed and sworn to before me this 20<sup>th</sup> day of November,  
20 09  
Notary Public: [Signature]  
Date Commission Expires: 5-8-2012



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received *(rec'd 11/15/09)* RECEIVED  
\_\_\_\_\_ Geologist Report Received  
\_\_\_\_\_ UIC Distribution  
DEC 03 2009

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Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Snyder Well #: Q-15  
 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>GAMMA RAY/NEUTRON/CCL</b>	<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	8 3/4"	6 1/4"		20.5'	Portland	5	
Completion	5 5/8"	2 7/8"		334	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	282.0 - 298.0	66 Perfs	282.0 - 298.0	Acid Fracture	

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed 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 Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Lease:	SNYDER	
Owner:	BOBCAT OILFIELD SERVICES, INC.	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface: 20FT, 6IN	Cemented: 5 SACKS	Hole Size: 8 3/4
Longstring 334 2 7/8	Cemented: 50 SACKS	Hole Size: 5 5/8



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

Location:	NE-NW-NE,S:8,T:20,S.R.:23, E
County:	LINN
FSL:	4933
FEL:	1703
API#:	15-107-24086-00-00
Started:	9/3/09
Completed:	9/8/09

SN:	271	Packer:	
Plugged:		Bottom Plug:	

Q-15

### Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	TOP SOIL			
22	24	LIME			
4	28	SHALE			
3	31	BLACK SHALE			
21	52	LIME			
5	57	SHALE			
1	58	BLACK SHALE			
2	60	LIME			
6	66	SHALE			
5	71	LIME			
1	72	BLACK SHALE			
40	112	SHALE			
8	120	SAND (DRY)			
20	140	SANDY SHALE			
80	220	SHALE			
1	221	COAL			
8	229	SHALE			
5	234	LIME			
26	260	SHALE			
7	267	LIME (SLIGHT ODOR)			
2	269	SHALE			
3	272	LIGHT SHALE			
1	273	LIGHT SHALE (SOME OIL SAND)(HEAVY FLOW AT 272)			
2	275	OIL SAND (SHALEY) (POOR BLEED)			
4	279	OIL SAND (SOME SHALE) (FAIR BLEED)			
2	281	OIL SAND (SOME SHALE) (GOOD BLEED)			
20	301	OIL SAND (SEE CORE)			
1.5	302.5	OIL SAND (SHALEY) (FAIR BLEED)			
2.5	305	SHALE (OIL SAND STREAKS) (POOR BLEED)			
11	316	SHALE			
3	319	COAL			
6	325	SHALE			
5	330	LIME			
TD	341	SHALE			

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# Avery Lumber

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

Customer Copy  
**INVOICE**  
PLEASE REFER TO INVOICE NUMBER  
ON ALL CORRESPONDENCE

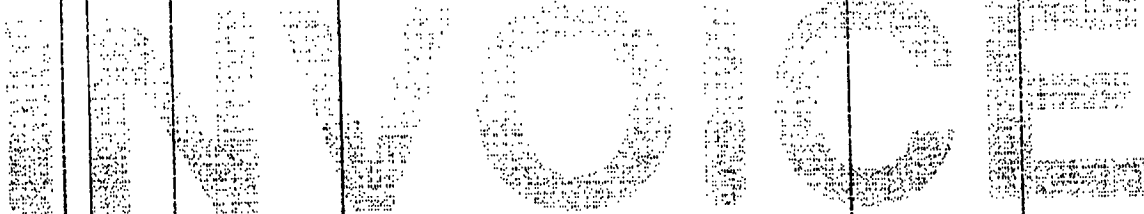
Page: 1		Invoice: <b>10008306</b>	
Special :		Time:	10:50:30
Instructions :		Ship Date:	04/14/09
		Invoice Date:	04/20/09
Sale rep #: <b>MAVERY MIKE</b>	Acct rep code:	Due Date:	05/05/09
Sold To: <b>BOBCAT OILFIELD SRVC, INC</b> C/O BOB EBERHART 30805 COLDWATER RD LOUISBURG, KS 66083		Ship To: <b>BOBCAT OILFIELD SRVC, INC</b> (913) 837-2823  (913) 837-2823	
Customer #: <b>3570021</b>	Customer PO:	Order By: <b>BOB</b>	

**REPRINT**

5TH  
Y 27

ORDER	SHIP	L	U/M	ITEM#	DESCRIPTION	Alt Price/Uom	PRICE	EXTENSION
350.00	350.00	L	BG	CPPC	PORTLAND CEMENT	7.9900 BAG	7.9900	2798.50
160.00	160.00	L	EA	CPPM	POST SET FLY ASH 75#	5.1900 BAG	5.1900	830.40
14.00	14.00	L	EA	CPQP	QUIKRETE PALLETS	17.0000 EA	17.0000	238.00
PALLETS NEED TO BE RETURNED FOR CREDIT								

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	FILLED BY	CHECKED BY	DATE SHIPPED	DRIVER		Sales total	\$3864.90
	SHIP VIA <b>LINN COUNTY</b>						
	RECEIVED COMPLETE AND IN GOOD CONDITION						
<b>X</b>						Taxable	3864.90
						Non-taxable	0.00
						Sales tax	204.84

**TOTAL \$4069.74**

**2 - Customer Copy**

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**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Osawatomie, KS 66064  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No.

API # 15-107-24,086

Company **Bobcat Oilfield Service, Inc.**  
 Well **Snyder No. Q-15**  
 Field **Cadmus - LaCygne**  
 County **Linn** State **Kansas**

Location **4933 FSL 1703 FEL**  
**4010' FSL & 1685' FEL**  
**SW-NE-NW-NE**

Other Services  
 Perforate

Sec. **8** Twp. **20s** Rge. **23e**  
 Permanent Datum **GL** Elevation **NA**  
 Log Measured From **GL**  
 Drilling Measured From **GL**

Elevation  
 K.B. **NA**  
 D.F. **NA**  
 G.L. **NA**

Date	10-05-2009
Run Number	One
Depth Driller	341.0
Depth Logger	332.0
Bottom Logged Interval	330.0
Top Log Interval	20.0
Fluid Level	Full
Type Fluid	Water
Density / Viscosity	NA
Salinity - PPM Cl	NA
Max Recorded Temp	NA
Estimated Cement Top	0.0
Equipment No.	104
Location	Osawatomie
Recorded By	Gary Windisch
Witnessed By	Bob Eberhart

RUN	BORE-HOLE RECORD			CASING RECORD				
	No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	8.75"	0.0	20.0	6.00"			0.0	20.0
Two	5.625"	20.0	341.0	2.875"			0.0	334.0

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Comments

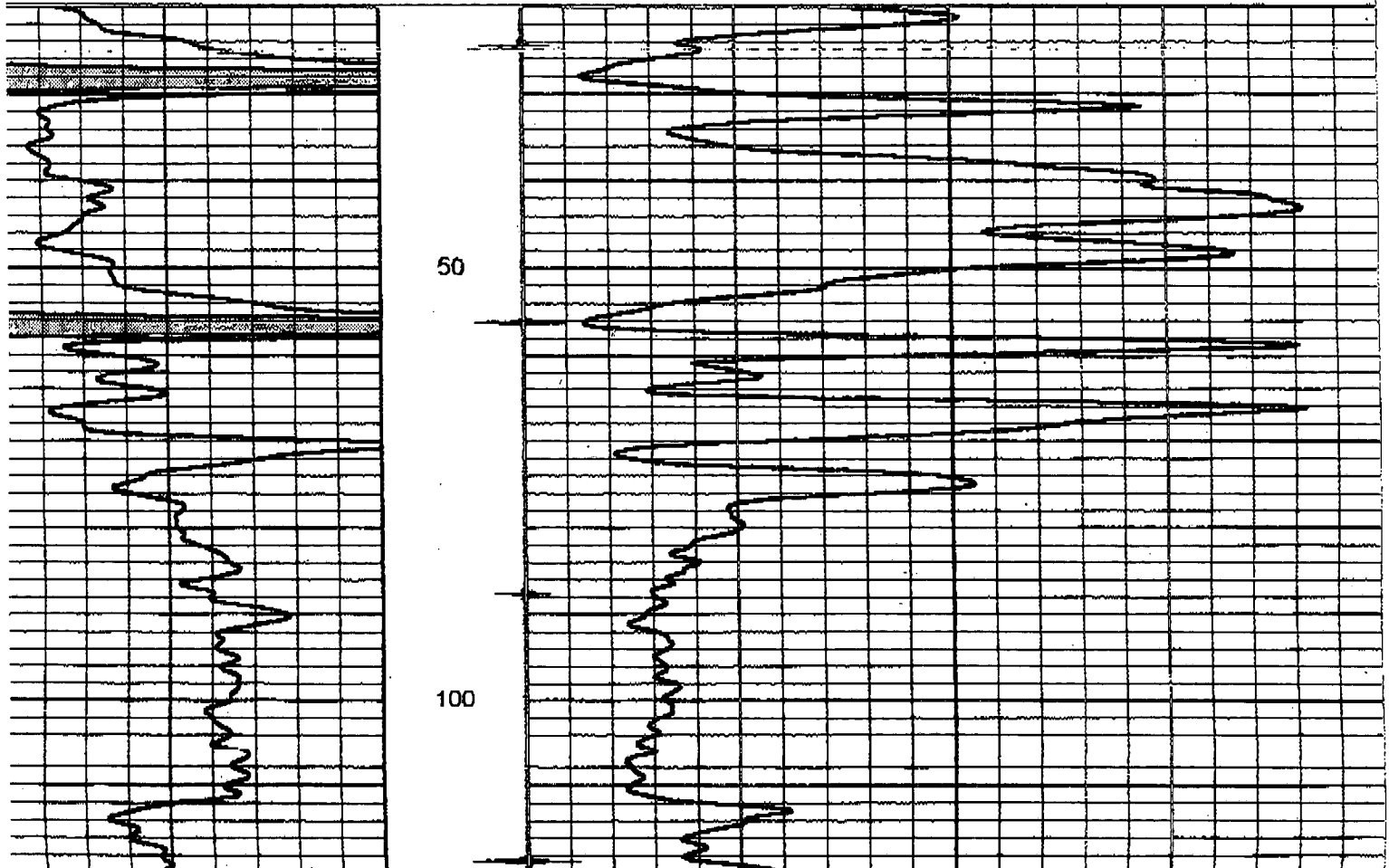
2

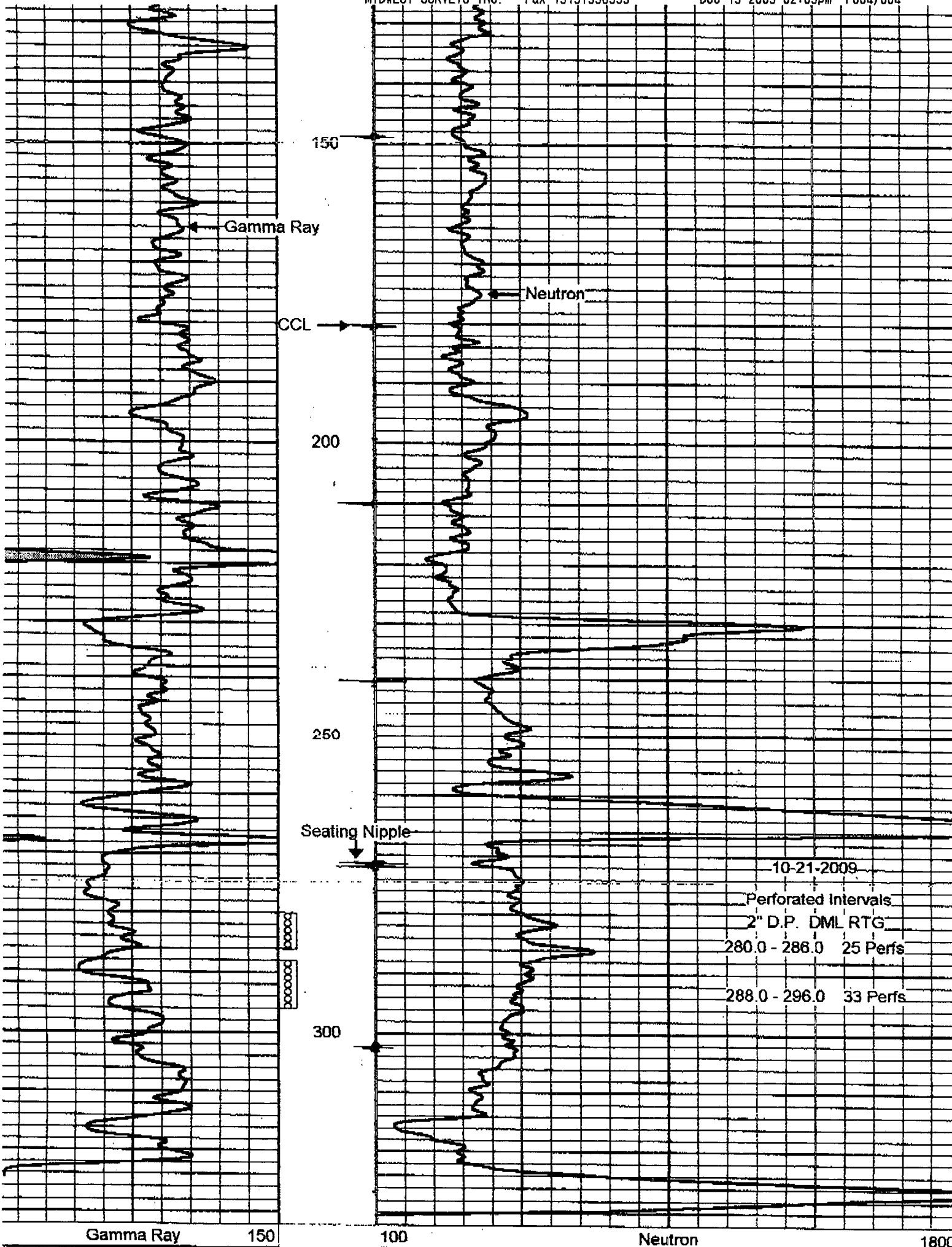
Drilling Contractor :  
 Jackson Drilling Company

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Database File: snyd15q.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Mon Oct 05 13:33:45 2009 by Log Warrior Version 6.6  
 Started by: Depth in Feet scaled 1:240

Gamma Ray	150	100	Neutron	1800
Gamma Ray	300			





Gamma Ray

Neutron

CCL

Seating Nipple

10-21-2009

Perforated Intervals

2" D.P. DML RTG

280.0 - 286.0 25 Perfs

288.0 - 296.0 33 Perfs

Gamma Ray 150

100

Neutron

1800