

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

Operator: License # 33116
Name: Berry Petroleum Company
Address: P. O. Box 250
City/State/Zip: Wray, Co 80758
Purchaser: _____
Operator Contact Person: Loni J. Davis
Phone: (970) 332-3585 x26
Contractor: Name: Advanced Drilling Technologies
License: 33532

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>07/14/06</u>	<u>07/19/06</u>	<u>8/11/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 181-20446-00-00
County: Sherman
SE NW NE Sec. 24 Twp. 6S S. R. 40 East West
377 feet from S (N) (circle one) Line of Section
2308 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Helman Well #: 31-24 6S40W
Field Name: Prairie Star

Producing Formation: Niobrara
Elevation: Ground: 3584 Kelly Bushing: 3596
Total Depth: 1510 Plug Back Total Depth: 1442.70'
Amount of Surface Pipe Set and Cemented at 468.65 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 7800 ppm Fluid volume 365 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: N/A
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

AKL-Dg-11/20/08

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: Loni J. Davis
Title: Operations Accounting and Regulatory Date: 02/08/06
Subscribed and sworn to before me this 16th day of AUGUST
2006
Notary Public: Mary E. Swiss
Date Commission Expires: My Comm. expires 3-12-2009

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Berry Petroleum Company Lease Name: Helman Well #: 31-24 6S40W
 Sec. 24 Twp. 6S S. R. 40 East West County: Sherman

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Bentonite	1080	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Niobrara	1288	2308
List All E. Logs Run:				

**Array Induction W/ Linear Correlation,
Compensated Neutron Litho Density**

CASING RECORD <input checked="" 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	9-1/2"	7"	17#	468.65	Portland Cement VII ASTM	125	
Production	6-1/8"	4-1/2"	10.5#	1484.88'	Brand A I-II	50	2% Calcium

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 spf	1287-1311 24' Total 48 shots	48,292 gals. 70 Q foam containing 98,920# 14-30 RMB sand, & 240,000 SCF N2	

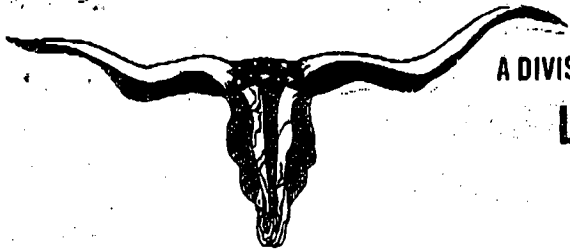
TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 08/12/06		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		51	0			

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

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

Production Interval: _____

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A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

LONGHORN CEMENTING CO.

P.O. BOX 203 YUMA, COLORADO 80759
Phone: 970-848-0799 Fax: 970-848-0798

FIELD SERVICE TICKET AND INVOICE

DATE 7-19-06 TICKET NO. 0704

DATE OF JOB	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER <u>Berry</u>		LEASE <u>Helman 31-24</u>					WELL NO.
ADDRESS		COUNTY					STATE
CITY	STATE	SERVICE CREW <u>MIKE - Brian</u>					
AUTHORIZED BY		EQUIPMENT <u>UNIT #112</u>					
TYPE JOB: <u>Longstring</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>	TRUCK CALLED			DATE AM PM
		SACKS	BRAND	TYPE	% GEL	ADMIXES	ARRIVED AT JOB
SIZE HOLE: <u>6 1/4</u>	DEPTH FT.	<u>50</u>	<u>A</u>	<u>1-11</u>			START OPERATION
SIZE & WT. CASTING <u>4 1/2</u>	DEPTH FT.						FINISH OPERATION
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						RELEASED
TOP PLUGS	TYPE:	WEIGHT OF SLURRY: <u>14.8</u>	LBS. / GALLON		SACKS / GAL		MILES FROM STATION TO WELL
		VOLUME OF SLURRY	<u>1.92 CU FT 315</u>				
		<u>50</u> SACKS CEMENT TREATED WITH	<u>5</u> % OF <u>Calc. O</u>				
<u>150792</u>	MAX DEPTH FT.	MAX PRESSURE		P.S.I.			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM / PRICE REF. NUMBER	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
001-2	Depth Charge - Cement - Mileage As per Contract				
300-2	4 1/2 Accuser/Flats hoe	7			
300-4	4 1/2 Latchdown Baffle 2 plug	7			
300-6	4 1/2 Centralizers	6			
300-8	4 1/2 Scrubbers	8			
300-11	7" Centralizers	7			
400-2	CLAYSTA	2.5 gal			
400-4	KCL	200 lb			
	Cement Basket	2			
2030	FRESHWATER 5.2				
2035	Cement 13.8				
2045	Displacement 22.9				
2100	Bump plug @ 2000				

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SUB TOTAL

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

ACID DATA:			
	GALLONS	%	ADDITIVES
HCL			
HCL			

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

SCHAAL DRILLING, CO.
PO BOX 416
BURLINGTON, CO. 80807
719-346-8032
FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 7-14-06

WELL NAME & LEASE # Helman 31-24

MOVE IN, RIG UP, DIG PITS ETC. DATE 7-13-06 TIME 1:30 AM PM

SPUD TIME 6:45 AM PM SHALE DEPTH 330 TIME 9:00 AM PM

HOLE DIA. 9 1/2 FROM 0 TO 460 TD TIME 11:00 AM PM

CIRCULATE, T.O.O.H., SET 455.65 FT CASING 468.65 KB FT DEPTH

11 JOINTS 7 OD #/FT 14 15.5 17 20 23

PUMP 125 SAC CEMENT 740 GAL.DISP. CIRC. 4 BBL TO PIT

PLUG DOWN TIME 12:30 AM PM DATE 7-14-06

CEMENT LEFT IN CSG. 50 FT TYPE: PORTLAND CEMENT I/II ASTM C 150
CENTRALIZER 1 CEMENT COST [REDACTED]

ELEVATION 3584
+12KB 3596

PIPE TALLY

1. 41.45
 2. 41.45
 3. 41.45
 4. 41.45
 5. 41.45
 6. 41.45
 7. 41.45
 8. 41.25
 9. 41.35
 10. 41.50
 11. 41.40
 - 12.
 - 13.
 - 14.
 - 15.
- TOTAL 455.65

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