

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

1/9/08  
Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33157  
Name: R.D. Energy, Inc.  
Address: 905 North Montgomery  
City/State/Zip: Sedan, Kansas 67361  
Purchaser: Plains  
Operator Contact Person: Rod Dickens  
Phone: (620) 331-9340  
Contractor: Name: Finney Drilling  
License: 5989  
Wellsite Geologist: Thomas H. Oast

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover  
☒ Oil ☐ SWD ☐ SLOW ☐ 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. \_\_\_\_\_

9 / 30 / 06	10 / 4 / 06	10 / 23 / 06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 019 - 26,739 - 0000

County: Chautauqua

NW - NE - SW - Sec. 27 Twp. 33 S. R. 11 ☒ East ☐ West

1990 feet from S N (circle one) Line of Section

3480 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Mordy Well #: 7

Field Name: Peru - Sedan Oil & Gas

Producing Formation: Wayside Sandstone

Elevation: Ground: 975 est Kelly Bushing: 980 est

Total Depth: 1311 Plug Back Total Depth: 1305

Amount of Surface Pipe Set and Cemented at 45.30 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1305

feet depth to Surface w/ 185 sx cmt.

Drilling Fluid Management Plan Alt II NH 9-11-08  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

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: Thomas H. Oast

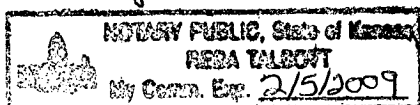
Title: Geologist Date: January 4, 2007

Subscribed and sworn to before me this 4th day of January

20 07

Notary Public: Reda Talbot

Date Commission Expires: February 5, 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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KANSAS CORPORATION COMMISSION

JAN 09 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: R.D. Energy, Inc. Lease Name: Mordy Well #: 7  
 Sec. 27 Twp. 33 S. R. 11 ☒ East ☐ West County: Chautauqua

**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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No  
 (Submit Copy)

List All E. Logs Run:

Gamma Ray / Neutron / Cement Bond Log

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

Name	Top	Datum
Lenapah Limestone	1228	-253
Wayside Sandstone	1244	-269
Altamont Limestone	1304	-329

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**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	12.25"	8.625"	17	45.30	Portland	10	None
Production	6.75"	4.50"	10.5	13.50	60 / 40 POZ	185	Phenoseal, Hulls, Gel

**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	1249 - 1273	350 Gallons 15% HCl, 2000# 20/40 Sand,	1249 - 1273
		5600# 12/20 Sand, 300 Barrels Water	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.375"	1240		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
10 / 25 / 06	<input type="checkbox"/> Flowing <input checked="" 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
	2	None	60	36

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) \_\_\_\_\_

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CONSERVATION DIVISION  
 WICHITA, KS

TICKET NUMBER 07559  
LOCATION BV  
FOREMAN Steve Johnson

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-5-06	2793	Mandy #7A	27	33	11	CO	
CUSTOMER							
MAILING ADDRESS							
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER	
Sedan	KS	67361	467	161K			
			491	Dallas			
			285	Ryan			
			403-787	Wayne			
JOB TYPE	Long String	HOLE SIZE	6 3/4	HOLE DEPTH	1311'	CASING SIZE & WEIGHT	4 1/2 @ 50
CASING DEPTH	1305'	DRILL PIPE		TUBING		OTHER	
SLURRY WEIGHT	14.2	SLURRY VOL		WATER gal/sk		CEMENT LEFT in CASING	0
DISPLACEMENT		DISPLACEMENT PSI		MIX PSI		RATE	5.0
REMARKS: Est Circulation Ran 185 sk 60/40 w 74" Flowline washed lines pumped plug to bottom set log							

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Long Strles		800.00
5406	45	MILEAGE		241.75
5407	mch	Bulk delivery		275.00
5501 C	3.5 hrs.	Transport		343.00
5502 L	3.5 hrs.	80VAC		315.00
5402	130.5'	Footage		221.85
1131	185 sy	60/40 Poz cement		1729.75
1107A	80 #	Phenogcal		80.00
1105	45 #	Hulls,		15.30
11180	350 #	GEE		49.00
1123	62.20 gals.	Litig Water		86.02
4404	1	4 1/2 Rubber		40.00
4115	1	4 1/2 Rid Float shoe		192.00
4129	3	centralizers 4 1/2		126.00
			Sales Tax Estimated	146.04

**TITLE**

ESTIMATED RECEIVED  
TOTAL 1860.71  
KANSAS CORPORATION COMMISSION  
DATE

JAN 09 2007

**CONSERVATION DIVISION  
WICHITA, KS**

**Thomas H. Oast**  
2039 Independence Road  
Sedan, Kansas 67361  
(620)725-3636

KCC  
JAN 09 2007  
CONFIDENTIAL

**Geological Report**

**Date:** October 15, 2006

**Operator:** R.D. Energy, Inc. 905 North Montgomery, Sedan, Kansas 67361  
(Kansas Corporation Commission License #33157)

**Reference well:** Morty #7 (API#: 15-019-26,739-0000)

**Spot Location:** Approx. NW NE SW Section 27 - Township 33 South - Range 11 East  
(1990' FSL, 3480' FEL - SW/4) Chautauqua County, Kansas

**Ground Elevation:** 975' (Estimated)

**Topography/Vegetation:** Flat, Rocky, Native Grass

**Drilling Contractor:** Finney Drilling, Wayside, Kansas

**Wellsite Geologist:** Thomas H. Oast, Sedan, Kansas on location from 1200' to T.D.

**Drilling Rig Model:** Chicago Pneumatic RT-2000 (Mud Rotary)  
5" x 10" Gardner-Denver pump

**Drilling Fluid:** Fresh Water

**Drilling Commenced:** September 30, 2006 Set surface casing only

**Drilling Completed:** October 4, 2006

**Hole/Casing Data:** 12.25" Borehole drilled to 45.30'  
45.30' of 8.625" Surface Casing installed/cemented with 10 sacks Portland  
Type 1 cement by drilling rig crew  
6.75" Borehole drilled to 1,311'  
1,305' of new 4.5" Production Casing installed/cemented with 185 sacks  
cement w/additives by Consolidated Industrial Services, Bartlesville,  
Oklahoma. Ticket # 07559 on 10/5/06

**Total Depth:** 1,311'

**Electric Log Program:** Gamma-Ray / Neutron / Cement Bond Log (Green Country Wireline)

**Canister Test/Data:** None taken

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This geological report concludes wellsite supervision and sample examination on the above referenced test well. The well was drilled to a total depth (TD) of 1,311' to allow for hydrocarbon analysis through the Wayside Sandstone. The drilling samples exhibited an excellent oil show for this zone and is recommend to install/cement production casing to allow for further testing.

Significant geologic marker zones and hydrocarbon shows are described in the following lithology report. The estimated ground elevation is 975' from which all measurements were made. This report has been correlated with the cased hole electric log provided by Green Country Wireline of Bartlesville, Oklahoma.

**DEPTH (feet)**

**LITHOLOGY**

000 - 1200	No samples observed/examined.
1228 - 1240 (-253)	<b>Lenapah Limestone</b> - Buff to grayish, dense, poor porosity, no shows.
1240 - 1244	Shale - Grayish green, silty to sandy.
1244 - 1298 (-269)	<b>Wayside Sandstone</b> - Light Gray to greenish, fine grained, good to excellent porosity, friable, good to strong odor, good free oil, good (80%) fluorescence, good cut with reagent, oil on pit, slight show of dead oil from 1244 - 1272'. Sandstone as above, decreasing show balance of formation.
1298 - 1304	Shale - Gray, silty to sandy towards top
1304 - 1311 (-329)	<b>Altamont Limestone</b> - Tan to brown, dense, poor porosity no shows
1311	Drillers' total depth

Please feel free to contact this office if you have any questions concerning this report.

Sincerely,



Thomas H. Oast  
Geological Consultant

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CONSERVATION DIVISION  
WICHITA, KS

R.D. Energy, Inc.  
905 North Montgomery  
Sedan, Kansas 67361  
(620) 331 - 9340

~~1/9/08~~  
1-9-09

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 South Market, Room 2078  
Wichita, Kansas 67202

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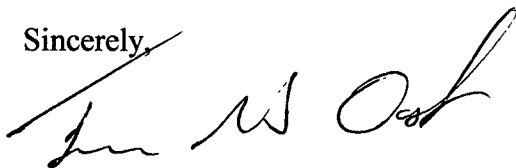
Re: Well Information Confidentially  
Mordy Well No. 1  
API # 15-019-26,739-0000

Dear KCC:

Please withhold all information confidential on the above referenced well for a period of twelve months.

Please contact me if you have any questions concerning this request.

Sincerely,



Thomas H. Oast  
*Agent for:*  
R.D. Energy, Inc

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