

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**

ORIGINAL

Operator: License # 6039  
Name: L. D. DRILLING, INC.  
Address: 7 SW 26 AVE  
City/State/Zip: GREAT BEND, KS 67530  
Purchaser: \_\_\_\_\_  
Operator Contact Person: L. D. DAVIS  
Phone: (620) 793-3051  
Contractor: Name: WARREN DRILLING, INC  
License: 33724  
Wellsite Geologist: KIM SHOEMAKER

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. \_\_\_\_\_

11/24/06	12/02/06	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-24994-0000  
County: BARTON  
NE SE SW Sec. 30 Twp. 16 S. R. 12 ☐ East ☒ West  
1260 feet from S / N (circle one) Line of Section  
2110 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW  
Lease Name: REIF Well #: 2

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: 1949' Kelly Bushing: 1957'

Total Depth: 3461' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 398 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 PA AIT INH 6-25-08  
(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: Rashell Patten

Title: CLERK Date: FEBURARY 02, 2007

Subscribed and sworn to before me this 2 day of February

20 07

Notary Public: Rashell Patten

Date Commission Expires: 2-02-11 Rashell Patten

**KCC Office Use ONLY**

N Letter of Confidentiality Received

If Denied, Yes ☐ Date: \_\_\_\_\_

\_\_\_\_ Wireline Log Received

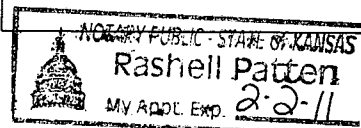
\_\_\_\_ Geologist Report Received

\_\_\_\_ UIC Distribution

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Operator Name: L. D. DRILLING, INC. Lease Name: REIF Well #: 2  
 Sec. 30 Twp. 16 S. R. 12 ☐ East ☒ West County: BARTON

**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:

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

Name Top Datum

SEE ATTACHED

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	12 1/4"	8 5/8"	24#	398	60/40 POZMIX	300	3%CC 1/4#Cell Flake

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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

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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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**DAILY DRILLING REPORT**

OPERATOR: L.D. DRILLING, INC. LEASE: REIF #2  
APX NE SE SW Sec 30-16-12  
WELLSITE GEOLOGIST: KIM SHOEMAKER BARTON CO., KS

CONTRACTOR: Warren Drilling ELEVATION: GR: 1949'  
KB: 1957'

SPUD: 11/24/06 @ 4:30 P.M. PTD: 3400'

SURFACE: Ran 9 jts New 24# 8 5/8" Surface Casing, Tally 388.88', Set @ 398.88 w/ 100 sx  
60/40 Pozmix 2% Gel 3% CC 1/4# Flo Seal, Plug Down 7:30 A.M.,  
By JetStar, Did Circulate

11/24/06 Move in & Rig Up  
11/25/06 WOC - under surf @ DP 6:15 P.M.  
11/26/06 664' Drilling - Down w/ mud pump for 5 1/2 hrs  
11/27/06 1701' Drilling  
11/28/06 2472' Drilling - will displace this afternoon  
11/29/06 2970' Drilling  
11/30/06 3210' Short Trip  
12/01/06 3364' Heading to Arbuckle @ 3400'

**Plugging:**

1st Plug: 25 sx @ 900', 2nd Plug: 50 sx @ 450'  
3rd Plug: 10 sx @ 40', 4th Plug: 15 sx @ Rathole  
Total 100 sx of 60/40 Pozmix 6% Gel, 1/4# Flo seal  
By JetStar @ 1:30 A.M. on 12/03/06

**SAMPLE TOPS:**

Anhy  
Topeka 2798 (-841)  
Heebner 3066 (-1109)  
Brown Lime 3169 (-1212)  
Lansing 3183 (-1226)  
Base Kansas City 3427 (-1470)  
Arbuckle 3448 (-1491)  
RTD 3461 (-1504)

**DST #1 3173 - 3210' Lansing A**  
TIMES: 15-15  
BLOW: 1st Open: weak blow died in 12 min  
2nd Open:  
RECOVERY: 15' Mud  
IFP: 40-40 ISIP: 561  
FFP: FSIP:  
TEMP:

**DST #2 3413 - 3453' Arbuckle**  
TIMES: 20-20  
BLOW: 1st Open: Surf Blow  
2nd Open:  
RECOVERY: 2' co, 13' socm 3% oil  
IFP: 39-42 ISIP: 959  
FFP: FSIP:  
TEMP:

**DST #3 3415 - 3461'**  
TIMES: 30-30-30-30  
BLOW: 1st Open: blt to 3"  
2nd Open: 1/4" thru out  
RECOVERY: 3' co, 67' vsocwm, 1% oil  
12% water 87% mud  
IFP: 38-51 ISIP: 1019  
FFP: 54-66 FSIP: 979

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**Taylor Printing, Inc. 620-672-3656**

Customer <b>L.O. Drilling</b>	Lease No.	Date <b>11-25-06</b>
Lease <b>Ref</b>	Well # <b>2</b>	
Field Order # <b>15386</b>	Station <b>Pratt</b>	Casing <b>8 5/8</b> Depth <b>358</b>
Type Job <b>4 5/8 S.P. New Well</b>	Formation	County <b>Barton</b> State <b>Ks.</b>
		Legal Description <b>30-165-12w</b>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft			RATE	PRESS	ISIP
<b>4 5/8</b>			<b>Cont.</b>	<b>300SK. 60/110 Pcs</b>			
Depth <b>399</b>	Depth	From	To	Pre Pad <b>1.25 ft</b>	Max		5 Min.
Volume <b>25.5</b>	Volume	From	To	Pad	Min		10 Min.
Max Press <b>500</b>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <b>P.P.</b>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <b>344</b>	Packer Depth	From	To	Flush <b>24.5 Bbl.</b>	Gas Volume		Total Load

Customer Representative <b>Kendy</b>	Station Manager <b>Dave Scott</b>	Treater <b>Bobby Drake</b>
Service Units <b>123</b> <b>309</b> <b>457</b> <b>303</b> <b>571</b>		
Driver Names <b>Drake</b> <b>Anthony</b> <b>McGraw</b>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>0430</b>					<b>On Location - Safety Meeting</b>
<b>0440</b>					<b>Run Csg. - 349' of 8 5/8 x 23#</b>
<b>0635</b>					<b>Csg. on Bottom</b>
<b>0645</b>					<b>Hookup to Csg. / Break Circ. w/ rig</b>
<b>0704</b>	<b>100</b>		<b>10</b>	<b>5.0</b>	<b>H2O Ahead</b>
<b>0706</b>	<b>200</b>		<b>12</b>	<b>5.0</b>	<b>Mix Cont. @ 14.7 #/gal.</b>
<b>0724</b>					<b>Release Plug</b>
<b>0725</b>	<b>200</b>			<b>4.0</b>	<b>Start Dispi.</b>
<b>0732</b>	<b>200</b>		<b>24.5</b>		<b>Plug down</b>
					<b>Circulation Then Job</b>
					<b>Circulated Cement top +</b>
					<b>Job Complete</b>
					<b>Thanks, Bobby</b>

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**JetStar**  
ENERGY SERVICES  
INC.

## FIELD ORDER

14215

Date <b>12-2-06</b>		Customer ID		Lease <b>Reif</b>	Well # <b>2</b>	Legal <b>30-16S-12W</b>
C H A R G E		<b>L. D. Drilling</b>		County <b>Barton</b>	State <b>KS</b>	Station <b>Pratt</b>
				Depth	Formation	Shoe Joint
				Casing	Casing Depth	TD
				Customer Representative <b>Kathy</b>	Treater <b>Steve Orlando</b>	
AFE Number		PO Number		Materials Received by <b>X</b> <b>Randy D. Mott</b>		

[illegible]

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

**TOTAL**

Customer <b>L.D. Drilling Inc</b>		Lease No.		Date <b>12-02-06</b>	
Lease <b>Reif</b>		Well # <b>2</b>			
Field Order # <b>14215</b>	Station <b>Pratt</b>	Casing	Depth	County <b>Barton</b>	State <b>ks</b>
Type Job <b>P.T.A. New Well</b>			Formation	Legal Description <b>30-11-12W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
				60/40/02			
Depth	Depth	From	To	Pre Pad	Max		5 Min.
				1.575			
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
				1420			

Customer Representative <b>Kandy</b>	Station Manager <b>Dave Scott</b>	Treater <b>Steve Orlando</b>
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Service Units	<b>118</b>	<b>309/457</b>	<b>346/570</b>						
Driver Names	<b>Steve Keever</b>	<b>Lachance</b>							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					On location - Safety meeting
11:30			1st plug @ 900'		w/25 sks
			10	4	H2O Ahead
			5.5	4	Mix 25 sks 60/40 por @ 13.3
			9	4	Displacement w H2O
1:00			2nd plug @ 450'		w/50 sks
			10	4	H2O Ahead
			11	4	Mix 50 sks 60/40 por @ 13.3
			4	4	Displace w/H2O
2:00			3rd plug @ 40'		w/10 sks 60/40 por
			3	4	Mix 10 sks 60/40 por @ 13.3
			1		Displacement
					Mix 15 sks R.H. @ 13.3
					Conced to surface
					Job Complete

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