

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 # 6039
Name: L. D. DRILLING, INC.
Address: 7 SW 26 AVE
City/State/Zip: GREAT BEND, KS 67530
Purchaser: NCRA
Operator Contact Person: L. D. DAVIS
Phone: (620) 793-3051
Contractor: Name: WARREN DRILLING
License: 33724
Wellsite Geologist: JIM MUSGROVE
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. _____
6/11/06 6/18/06 6-29-06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 009-24932-0000
County: BARTON
NW NE SE SW Sec. 12 Twp. 18 S. R. 14 East West
500 feet from S N (circle one) Line of Section
2100 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: DON Well #: 5
Field Name: _____
Producing Formation: ARBUCKLE
Elevation: Ground: 1875' Kelly Bushing: 1881'
Total Depth: 3373' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 805 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/ ALP-Dig-11/25/08 ^{5x amt.}

Drilling Fluid Management Plan
(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: [Signature]
Title: CLERK Date: 8-31-06
Subscribed and sworn to before me this 31 day of August,
20 06.
Notary Public: [Signature] Rashell Patten
Date Commission Expires: 02-02-07

KCC Office Use ONLY

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

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AUDITARY PUBLIC - STATE OF KANSAS
Rashell Patten
MY ADDL. EXP. 2-207

Operator Name: L. D. DRILLING, INC. Lease Name: DON Well #: 5
 Sec. 12 Twp. 18 S. R. 14 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

GAMMA RAY / NEUTRON LOG & SONIC CEMENT BOND LOG

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 - NEW	12 1/4"	8 5/8"	24#	805'	A-CON BLEND	210	33%CC, 1/4#CF
					60/40 POZMIX	125	2%GEL,3%CC,1/4#CF
PRODUCTION	7 7/8"	5 1/2"		3364'	AA2/ 60/40 POZMIX	125/25	

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
		250 GAL 20% NE/FE	

TUBING RECORD	Size 2 3/8"	Set At 3371'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. JULY 5, 2006	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 2	Gas Mcf	Water Bbls. 20	Gas-Oil Ratio	Gravity
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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: DON #5
 NW NE Sec 12-18-14 W
 WELLSITE GEOLOGIST: KIM SHOEMAKER Barton Co., KS
 CONTRACTOR: WARREN DRILLING ELEVATION: GR: 1875'
 Rig #10 KB: 1881'
 SPUD: 6/11/06 2:00 P.M. PTD: 3350'
 SURFACE: Ran 20 jts New 24# 8 5/8" Casing, Set @ 812', Cement w/ 210 sx A-Con,
 3%CC 5# Cell Flake, Plug Down 9:30 P.M. Did Circulate, by Acid Service

6/09/06 Move in
 6/10/06 Rig up & Spud
 6/11/06 Ran Surface Casing & WOC
 6/12/06 838' Drilling - Drill Plug at 5:30 A.M.
 6/13/06 1879' Drilling
 6/14/06 2520' Drilling
 6/15/06 2953' Drilling
 6/16/06 3080' Drilling
 6/17/06 3365' CFS
 6/18/06 3373' RTD
 Ran 73 jts Used 5 1/2" Casing
 w/ 125 sx AA2 3% CFR 25% Defoamer 10% Salt
 Plug Down 12:15 P.M.

DST #1 3330 - 3373' Arbuckle
 TIMES: 30-45-45-60
 BLOW: 1st Open: SB, off bottom in 24min
 2nd Open: Weak, 1" blow
 RECOVERY: 60' gas in pipe, 15' cgo,
 235' sgocm, 5%gas, 10%oil, 85% mud
 IFP: 33-86 ISIP: 1108
 FFP: 88-144 FSIP: 1107
 TEMP: 109 Degrees

SAMPLE TOPS:

Topeka	2795	(-914)
Heebner	3056	(-1175)
Douglas	3078	(-1197)
Brown Lime	3132	(-1251)
Lansing	3141	(-1260)
Base Kansas City	3340	(-1459)
Conglomrate	3346	(-1465)
Arbuckle	3362	(-1481)
RTD	3373	(-1492)

(NO LOG)

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Customer L.D. Drilling, Incorporated	Lease No. Don	Lease # 5	Date 6-11-06
Field Order # 13400	Station Pratt	Casing" 8 7/8 24Lb.	Depth 805'
Type Job Cement-Surface-New Well	Formation	County Barton	State KS
Legal Description 12-185-14W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8 24Lb./Ft.	Tubing Size 5 1/2 Bbl.	Shots/Ft		Cement	210 sacks A-CON	RATE	PRESS	ISIP
Depth 805'	Depth	From	To	12Lb./Gal.	5.46 Gal./sk.	2.56 cu. Ft./sk.	38 C.C.	25Lb./sk. cellflak
Volume 51.2 Bbl.	Volume	From	To	125 sacks	60/40 Poz	28 Gel	38 C.C.	25Lb./sk.
Max Press 300 P.S.I.	Max Press	From	To	17.72 Lb./Gal.	5.71 Gal./sk.	1.25 cu. Ft./sk.		15 Min. cellflak
Well Connection Plug Cont.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 790	Packer Depth	From	To	50 Bbl. Fresh H₂O	Gas Volume			Total Load

Customer Representative L.D. Davis	Station Manager David Scott	Treater Clarence R. Messick
Service Units 119	309	303
Driver Names Messick Anthony Pierce		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30					Trucks on location and hold safety meeting
6:20					Warren Drilling start to run 20jts. new 24Lb./Ft. 8 7/8 casing
8:40					Casing in well. Break circulation with rig
8:48	200			6	Start Fresh H ₂ O Pre-Flush
	175		20	6	Start mixing 210 sacks A-Con cement
	150		115	6	Start mixing 125 sacks 60/40 Poz cement
			142		Stop pumping. Shut in well. Release plug.
9:15	150			5	Open well. Start Fresh H ₂ O Displacement
9:30	300		50		Plug down. Shut in well.
					Circulate 15 sks cement to pit
					Wash up pump truck
10:00					Job Complete
					Thanks
					Clarence R. Messick and crew

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FIELD ORDER 13400

Subject to Correction

Date 6-11-06	Customer ID	Lease Don	Well # 5	Legal 12-185-14W
L.D. Drilling, Incorporated		County Barton	State KS	Station Pratt
		Depth	Formation	Shoe Joint 15'
		Casing " 8 7/8	Casing Depth 24Lb 805	TD 810'
		Customer Representative L.D. Davis	Treater Clarence R. Messick	Job Type Cement Surface New Well

AFE Number	PO Number	Materials Received by X L D Davis by Clarence R. Messick
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D-201	210sk.	A-CON Blend		
P	D-203	125 sk.	60/40 Poz		
P	C-194	84Lb.	Cellflake		
P	C-310	918Lb.	Calcium Chloride		
P	F-163	1ea.	Wooden Cement Plug, 8 5/8"		
P	E-100	120 mi.	Heavy Vehicle mileage, 1-Way		
P	E-101	60 mi.	Pickup Mileage, 1-Way		
P	E-104	9187m.	Bulk Delivery		
P	E-107	335sk.	Cement Service Charge		
P	R-202	1ea.	Casing Cement Pumper, 501'-1,000'		
P	R-701	1ea.	Cement Head Rental		
			Discounted Price =		\$ 8,712.91
			Plus taxes		

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HORSDENCTON - SHAWNEE - 242W - 5 DNTD



FIELD ORDER 13583 ✓

Subject to Correction

Date	6-18-06	Customer ID		Lease	DON	Well #	5	Legal	12-18-14
C H A R G E	L.D. DRILLING			County	BARTON	State	Ks.	Station	PLATT, Ks.
	Depth		Formation			Shoe Joint	14"		
	Casing	8 1/2	Casing Depth	3364	TD	3373	Job Type	CONCRETE-NU	
Customer Representative				L.D.		Treater		CORDLEY	

AFE Number _____ PO Number _____ Materials Received by **X L.D. BY: KEVIN CORDLEY**

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D205	1255K	1A12 CEMENT	-	
P	D203	255K	60/40 POZ	-	
P	C221	589 lb.	5A12	-	
P	C243	30 lb.	DEFOMER	-	
P	C312	89 lb.	GAS BLOK	-	
P	C321	626 lb.	GILSONITE	-	
P	C244	36 lb.	CFR	-	
P	C195	95 lb.	FLA-322	-	
P	C194	32 lb.	CELLFLAKE	-	
P	C141	2 gal.	CC-1	-	
P	C302	500 gal.	1A14 FLUISH	-	
P	F101	5 EA.	5 1/2 TURBO LATER	-	
P	F143	1 EA.	5 1/2 TOP RUBBER PLUG	-	
P	F191	1 EA.	5 1/2 GUIDE SHOE	-	
P	F231	1 EA.	5 1/2 INSERT FLOAT	-	
P	E100	120 mile	TRUCK MAINTENANCE		
P	E101	600 mile	PICKUP MAINTENANCE		
P	E104	420 mi	BUNK BEL DUMPY		
P	E107	150 SK.	CEMENT SERVICE CHARGE		
P	R207	1 EA.	PUMP CHARGE		
P	R201	1 EA.	CEMENT HEAD		

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Customer	L.D. DROLLING	Lease No.		Date	6-18-06
Lease	NON	Well #	5		
Field Order #	13583	Station	PRATT, KS	Casing	5 1/2
				Depth	3364
Type Job	LOW GSTRONG - NW	Formation	TD-3373	County	BARTON
				State	KS
				Legal Description	12-18-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
3 1/2				Pre Pad	Max		5 Min.	
Depth 3364	Depth	From	To	Pad	Min		10 Min.	
Volume	Volume	From	To	Frac	Avg		15 Min.	
Max Press	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth 3350	Packer Depth	From	To					

Customer Representative	L.D.	Station Manager	SCOTTY	Treater	GORNEY
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Service Units	120	28	47	501					
Driver Names	KG	JA	BORES						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log	RECEIVED
0800					ON LOCATION	SEP 01 2006
					RUN 3379' 5 1/2" CSG. - 83 FT	KCC WICHITA
					GUIDE SHOE, INSERT FLOAT	
					CENT. - 1-3-5-7-9	
					TAG BOTTOM - DROP BALL - CEPE	
					SET CSG. 9' OFF BOTTOM	
1140	500		20	5	Pump 20 bbl 2% KCL H ₂ O	
	500		12	5	Pump 12 bbl 10% MDP FLUSH	
	500		3	5	Pump 3 bbl H ₂ O	
	300		30	5	MTX 125 SL. MATZ .3% CFR	
					.25% DEFOAM .8% FLUA-322, 10% SACT	
					.75% GASBLOK 1/4" CALIFIAINE, 5" CARBONATE	
					SDP - WASH LINE - DROP PLUG	
	0		0	6 1/2	START DISP.	
	200		60	6 1/2	LEFT CEMENT	
	500		77	4	SLOW RATE	
1215	800		82	3	PLUG DOWN - H ₂ O	
					PLUG RT & MH.	
1300					JOB COMPLETE - THANKS - KEVIN	