

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 # 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: L. D. DRILLING, INC.
License: 6039
Wellsite Geologist: KIM SHOEMAKER

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. _____

8/16/06 8/21/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185-23377-0000
County: STAFFORD
SW SE NE Sec. 28 Twp. 22 S. R. 13 East West
2310 feet from S (N) (circle one) Line of Section
1015 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW

Lease Name: GRIMES A Well #: 1
Field Name: HAHN EAST EXT (1/8 W)

Producing Formation: _____
Elevation: Ground: 1895' Kelly Bushing: 1900'
Total Depth: 3850' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 354 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.

Alt 2 - Dlg - 11-25-08

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: Susan Schweis

Title: CLERK Date: 8/31/06

Subscribed and sworn to before me this 31 day of August,
20 06

Notary Public: Rashell Patten
Rashell Patten

Date Commission Expires: 2-02-07

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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NOTARY PUBLIC - STATE OF KANSAS
Rashell Patten
MY ADPT. EXP. 2-2-07

Operator Name: L. D. DRILLING, INC. Lease Name: GRIMES A Well #: 1
 Sec. 28 Twp. 22 S. R. 13 East West County: STAFFORD

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED
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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#	354'	60/40 POZMIX	325	2%Gel,3%CC
							1/4# Flo Seal

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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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)
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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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DAILY DRILLING REPORT

OPERATOR: L.D. DRILLING, INC. LEASE: GRIMES A #1
 Apx SW SE NE Sec 28-22-13
 WELLSITE GEOLOGIST: KIM SHOEMAKER Stafford Co., KS
 CONTRACTOR: L.D. DRILLING, INC. ELEVATION: GR: 1895'
 KB: 1900'
 SPUD: 8/16/06 @ 4:30 P.M. PTD: 3900'

SURFACE: Ran 8 jts New 24# 8 5/8", Tally 346.15', Set @ 354' w/ 325 sx of 60/40 Pozmix 2%gel 3%cc 1/4# Flo Seal per sx by Jet Star, Plug Down 12:15 A.M. 8/17/06, Strap & Weld 1st 3 jts, Spot Weld to rest, by Scotty Welding, Cement in Cellar fell 40'-1" with 50sx 60/40 Pozmix 3%CC, Plug Down 5 A.M. 8/17/06

8/16/06 Move in, Rig up & Spud
 8/17/06 357' Wait on Cement, will drill plug 10 A.M.
 Straight hole @ 354' 1 degree
 8/18/06 1650' Drilling
 8/19/06 2710' Drilling
 8/20/06 3595' Come out for DST #1, Short Trip
 8/21/06 3772' Come out for DST #2
 8/22/06 3850' Trip out of hole with Tool

D & A

1st Plug @ 3846' w/ 50 sx (top of Arbuckle)
 2nd Plug @ 810' w/ 50 sx, 3rd Plug @ 390' w/ 50 sx,
 4th Plug @ 60' w/ 20 sx, 5th Plug @ Rathole w/ 15 sx,
 Total 185 sx of 60/40 Pozmix, 6% gel
 Eric McClellan State Plugger

SAMPLE TOPS:

Anhy	Top	760	
Anhy	Base	781	
Heebner		3279	(-1379)
Brown Lime		3410	(-1510)
Lansing		3431	(-1531)
Base Kansas City		3657	(-1757)
Viola		3722	(-1822)
Simpson		3794	(-1894)
Arbuckle		3846	(-1946)
RTD		3850	(-1950)

DST #1 3544 - 3632' LKC
 TIMES: 30-45-45-60
 BLOW: 1st Open: bb 2 min
 2nd Open: bb Immediate
 RECOVERY: 1050'gip, 30'o&gcm(10%o,30%g, 60%m) 120'wgmo(10%w, 20%g, 30%m)
 IFP: 45-67 ISIP: 623
 FFP: 77-95 FSIP: 656
 TEMP: 109 degrees

DST #2 3654 - 3772' Viola
 TIMES: 30-30-out
 BLOW: 1st Open: blo died in 17 min
 2nd Open:
 RECOVERY: 8' mud
 IFP: 38 ISIP: 72
 FFP: 54 FSIP:
 TEMP: 105 degrees

DST #3 3840 - 3850' Arbuckle
 TIMES: 30-45-45-60
 BLOW: 1st Open: bb 20 min
 2nd Open: bb 21 min
 RECOVERY: 1' ho 540', 24000 chlor Sulphur Water
 IFP: 32-127 ISIP: 1296
 FFP: 129-263 FSIP: 1292
 TEMP: 122 degrees

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281 + Hudson Blacktop, 1 North - 50 Yds West, South I A 10



FIELD ORDER 13724

Subject to Correction

Date	8-16-06	Customer ID		Lease	Grimes	Well #	A#1	Legal	28-225-13W
				County	Stafford	State	KS	Station	Pratt
C H A R G E	L.D. Drilling Inc			Depth	325	Formation		Shoe Joint	40.25
	Casing		8 5/8 24'	Casing Depth	356	TD	357	Job Type	8 5/8 S.P. New Well
	Customer Representative				Bill Owens		Treater		
AFE Number		PO Number		Materials Received by X L.D. Davis By D Scott					

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D203	325sk	60/40 POZ		
P	D200	50 ski	Common Cement Topoff		
P	C194	79 lb	Cellflake		
P	C310	240 lb	Calcium Chloride		
P	C310	141 lbs	Calcium Chloride		
P	F163	1ea	Wooden Cement Plug 8 5/8		
P	E104	82 tm	Bulk Delv Charge Topoff		
P	E100	70 mi	Heavy Vehicle Mileage		
P	E101	35 mi	Pickup Mileage		
P	E104	490 tm	Bulk Delivery		
P	E107	325sk	Cement Service Charge		
P	R201	1ea	Casing Pump 301'-500'		
P	R201	1ea	Cement Head Rental		
P	E107	5 Dec	Cmt Serv Charge		
			Discounted price plus taxes		7274.13 7176.79
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Customer L.D. Drilling Inc	Lease No.	Date 8-16-06
Lease Grimes	Well # A-1	
Field Order # 13724	Station Pratt	Casing 8 5/8 24"
Type Job 8 5/8 S.P. New Well	Depth 387	County Stafford
	Formation	State KS
		Legal Description 28-225-13 W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size # 8 5/8 24"	Tubing Size	Shots/Ft 325 sks		Actg 60/40 P02		RATE	PRESS	ISIP
Depth 356	Depth	From	To	Pre Pad	Max			5 Min.
Volume 22.64	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 341	Packer Depth	From	To	Flush 21.5 bbl	Gas Volume			Total Load

Customer Representative Bill Owens	Station Manager Dave Scott	Treater Steve Orlando
Service Units 118	300/457	347/501
Driver Names Steve	Kevin	Mike

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30					On location - Safety Meeting
					Run 8 5/8 8 5/8 24" - 1 hnd JT 10 ft
					Csg on Bottom
					Hook up to Csg - Break Circ w/ Ris
11:39	50			5	H2O Ahead
11:40	250		5	5	Mix 325 sks 60/40 P02 with
					2% gel, 3% Calcium Chloride -
					.25#/sk Cellflake @ 14.72"
12:00	150		74		Released Plug
12:10				5	Start Displacement
12:15	160		21.5		Plug Down
					Circulation thru Job
					Circulated 0 bbls Top of
					Job Complete
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					Thanks Steve
					SEP 01 2006 KCC WICHITA
12:30					Jet Cellar Cement to the collar
					filling
5:00			12		Mix 50 sks fill cellar cement to
					surface holding

281/ HUDSON BLVD - 1N - 50 W - 1/2 S & W INTU



FIELD ORDER 13947

Subject to Correction

Date 8-22-06	Customer ID	Lease GRIMES	Well # A-1	Legal 28-22-13
		County STAFFORD	State Ks.	Station PTA, Ks.
C H A R G E	C.D. ARLLING INC.	Depth	Formation	Shoe Joint
		Casing	Casing Depth	TD 3850
				Job Type PTA-NW
		Customer Representative QUENS	Treater GETTSLEY	

AFE Number	PO Number	Materials Received by X Bill Owen
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D203	185SK	60/40 Po2		
P	C320	640lb	CEMENT GEL		
P	E100	70mile	TRUCK MILEAGE		
P	E101	35mile	PUMP MILEAGE		
P	E104	2807M	BULK DELIVERY		
P	E107	185SK	CEMENT SERVICE CHARGE		
P	R400	1 EQ.	PUMP CHARGE		

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Customer <i>C.D. DRILLING</i>	Lease No.	Date
Lease <i>GRIMES</i>	Well # <i>A-1</i>	<i>8-22-06</i>
Field Order # <i>13947</i>	Station <i>PRATT Ks.</i>	Casing
Type Job <i>PTA-NW</i>	Formation <i>TD-3850'</i>	Legal Description <i>28-22-13</i>
Depth	County <i>STAFFORD</i>	State <i>Ks</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid <i>185 SL 60/40 Pbz</i>	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre-Pad <i>6% GEL</i>	Max		5 Min.	
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	

Customer Representative <i>OWENS</i>	Station Manager <i>SCOTT</i>	Treater <i>CORDEY</i>
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Service Units <i>120 26 303 72</i>								
Driver Names <i>KG J.A. McGRAN</i>								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1100</i>					<i>ON LOCATION</i>
					<i>TD-3850'</i>
<i>1300</i>			<i>10</i>	<i>5</i>	<i>① 50 SL AT 3846'</i>
			<i>14</i>	<i>5</i>	<i>10 bbl H₂O</i>
			<i>3</i>	<i>5</i>	<i>50 SL CEMENT</i>
			<i>48</i>	<i>5</i>	<i>3 bbl H₂O</i>
					<i>48 bbl MUD</i>
<i>1500</i>			<i>10</i>	<i>5</i>	<i>② 50 SL AT 810'</i>
			<i>14</i>	<i>5</i>	<i>10 bbl H₂O</i>
			<i>3</i>	<i>5</i>	<i>50 SL CEMENT</i>
			<i>5</i>	<i>5</i>	<i>3 bbl H₂O</i>
					<i>5 bbl MUD</i>
<i>1530</i>			<i>5</i>	<i>5</i>	<i>③ 50 SL AT 390'</i>
			<i>14</i>	<i>5</i>	<i>5 bbl H₂O</i>
			<i>2</i>	<i>5</i>	<i>50 SL CEMENT</i>
					<i>2 bbl H₂O</i>
<i>1615</i>			<i>6</i>	<i>2</i>	<i>④ 20 SL AT 60'</i>
					<i>CIRC. CEMENT TO PET</i>
<i>1630</i>			<i>4</i>	<i>2</i>	<i>⑤ 15 SL IN RAT HOLE</i>
<i>1700</i>					<i>JOB COMPLETE - THANKS - KEVIN</i>

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