

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 6039
 Name: L. D. Drilling, Inc.
 Address: 7 SW 26th Avenue
 City/State/Zip: Great Bend, KS 67530
 Purchaser: _____
 Operator Contact Person: L. D. Davis
 Phone: (620) 793-3051
 Contractor: Name: Vonfeldt Drilling, Inc.
 License: 9431
 Wellsite Geologist: Kim Shoemaker & Jim Musgrove

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>4-14-04</u>	<u>4-23-04</u>	<u>5-26-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

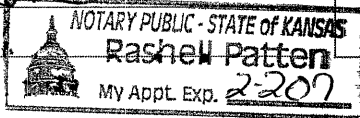
API No. 15 - 009-24776-00-00
 County: Barton
 S/2 SE SE Sec. 16 Twp. 18 S. R. 15 East West
330 feet from S N (circle one) Line of Section
660 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Kuhlman Well #: 1
 Field Name: Otis-Albert
 Producing Formation: Kansas City
 Elevation: Ground: 1922' Kelly Bushing: 1927'
 Total Depth: 3576' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 820 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 ALT #1 KGR 6/07/07
 (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: Secretary/Treasurer Date: 5-28-04
 Subscribed and sworn to before me this 28th day of May,
2004
 Notary Public: [Signature]
Rashell Patten
 Date Commission Expires: 2/2/07



KCC Office Use ONLY

NO Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

X

ORIGINAL

Operator Name: L. D. Driling, Inc. Lease Name: Kuhlman Well #: 1
 Sec. 16 Twp. 18 S. R. 15 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:

Microresistivity Log
 Dual Induction Log
 Dual Compensated Porosity Log
 Sonic Cement Bond Log

Log Formation (Top), Depth and Datum 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	7 7/8"	8 5/8"	24#	820'	60/40 Poz Common	250 200	2 & 3% CC 3% CC
Production	12 1/4"	4 1/2"	10.5#	3575'	50/50 Poz 60/40 Poz	175/25	875# Gil

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
2	3214-3219		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2"	3222'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumerd Production, SWD or Enhr.		Producing Method			
Waiting on Gas Line		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbbls.	Gas Mcf	Water Bbbls.	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 _____

**Subject to 1/16th of 7/8ths Over-ride

DAILY DRILLING REPORT

ORIGINAL

(Attached to and made a part of ACO 1 Kuhlman #1 S/2 SE SE 16-18-15 Barton County, Kansas)

OPERATOR: L. D. DRILLING, INC

LEASE: KUHLMAN #1

S/2 SE SE

Sec. 16-T18s-R15w

Barton.

WELLSITE GEOLOGIST: KIM SHOEMAKER

ELEVATION:

1922 GR 1927 KB

CONTRACTOR: VONFELDT DRILLING, INC.

PTD: 3600'

SPUD: 4-14-04

SURFACE: Ran 19 jts. new 8 5/8" Surface Csg. Set @ 820' W/250 sx 60/40 Poz
200 sx common, 3% cc Did Circulate. PD 1:30 PM 4-14-04 Copeland Cement

4-14-04 Move in, rig up, spud
 4-15-04 Waiting on Cement Trucks to cement 8 5/8"
 4-16-04 1531' Drilling (bust plug @10:15 p.m. 4-15-04)
 4-17-04 2117' Drilling
 4-18-04 2679' Drilling
 4-19-04 3221' Start out for DST #3
 4-20-04 3236' ob after DST #4
 4-21-04 3432' CFS getting ready to come out for DST #5
 4-22-04 -----
 4-23-04 RTD 3576'
 LTD 3574'

Ran 84 Jts 4 1/2" production string
Set @ 3575' W/175 sx. 50/50 Poz. 25 sx
60/40 poz, 875# Gilsonite Plug Down @
6:45 A.M. 4-23-04

Will start completion in approx. 10 days
pending availability of completion rigs.

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SAMPLE TOPS:

Anhy.	937' +990
Chase	1805 +122
Winfield	1856 + 71
Neva	2299 -372
Stotler	2639 -712
Tarkio	2700 -883
Howard	2833 -906
Topeka	2905 -978
Heebner	3137 -1210
Brown Lime	3204 -1277
Lansing	3215 -1288

DST #1 1760-1856 Chase

TIMES: 30-30-30-30

BLOW: 1st Open blt to 6"

2nd Open blt to 4 1/2"

RECOVERY: 60' wm 25% w.

IFP: 13-32 FFP: ISIP: 169 FSIP: 120
13-32 32 37-43

TEMP: 86°

DST #2 2222-2336 Neva

TIMES: 30-30-30-30

BLOW: 1st Open blt to 6"

2nd Open blt to 2"

RECOVERY: 140' mw 65% water

IFP: FFP: ISIP: FSIP:
41-58 59-73 682 641

TEMP: 90°

DST #3 3209-3221 Lansing

TIMES: 30-45-45-60

BLOW: 1st Open bb immediately gts 4 min

177 mcf - 205 mcf

2nd Open gts through out

RECOVERY: 190' gcm, 440' ho & gcm, 250' so & gcw

IFP: FFP: ISIP: FSIP:
178-273 301-382 934 932

TEMP: 115°

Logs are in the mail. Will complete
the daily report Monday

ORIGINAL

Page 2 Kuhlman #1 S/2 SE SE Sec. 16-18s-15w Barton County
continuation Daily Drilling Report

DST #4 3224-3236

TIMES: 30-45-45-60

1st open: bb immediately

102 mcf dec. to 57 mcf

2nd open: gts through out

54 mcf - decreased to 40 mcf

RECOVERY: 250' so&gcwm 3% oil, 10% gas,
30% w. 37% mud

870' gw 10% gas

IFP: 84-257 FFP: 280-561

ISIP: 927 FSIP: 926

TEMP: 117°

DST # 5 3336-3410 Lansing H-K

TIMES:: 30-30-30-30

1st Open: blt to 2 1/2"

2nd open: blt to 2 1/2"

Recovery: 30' mud, 120' MWWOS

IFP: 15-45 FFP: 48-75

ISIP: 940 FSIP: 912 TEMP. 108°

DST #6 3433-3462

TIMES: 30-30-30-30

BLOW: 1st open: weak blow blt to 1" in 5 min

2nd open: weak blow died in 9 min.

RECOVERY: 30' DM

IFP: 15-22 FFP: 19-22

ISIP: 34 FSIP: 29

DST #7 3456-3616

TIMES: 30-45-45-60

BLOW: Strong bob immediately gts 5 min.

Strong blow gts through out

RECOVERY: 150' gmw 30% mud, 10% gas, 60% wat
560' gw, 10% gas, 90% water

IFP: 119-203 FFP: 248-341

ISIP: 397 FSIP: 399

Temp: 117°

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POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

INVOICE ORIGINAL

BURRTON, KS
 (620) 463-5161
 FAX (620) 463-2104

GREAT BEND, KS
 (620) 793-3366
 FAX (620) 793-3536

3139

INVOICE NUMBER

0024461-IN

BILL TO: L.D. DRILLING, INC.
 RR 1, BOX 183B
 GREAT BEND

KS 67530

LEASE: KOHLMAN 1

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DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
04/22/04	24461		04/15/04			
QUANTITY	U/M	ITEM NO/DESCRIPTION		D/C	PRICE	EXTENSION
20.00	MI	MILEAGE PUMP TRUCK		.00%	2.00	40.
1.00	EA	PUMP CHARGE		.00%	500.00	500.
1.00	EA	WOODEN PLUG		.00%	50.00	50.
250.00	SAX	60-40 POZ MIX		.00%	5.85	1,462.
200.00	SAX	COMMON CEMENT		.00%	7.05	1,410.
14.00	GAL	CALCIUM CHLORIDE 3%		.00%	25.00	350.
450.00	EA	BULK CHARGE		.00%	1.00	450.
408.00	MI	BULK TRUCK - TON MILES		.00%	.85	346.

548 500.00

There will be a charge of 1.5% (18% annual rate) on all past due accounts.

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service, Inc.

Gressel Oil Field Service, Inc. reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.

REMIT TO: P.O. BOX 438 Haysville, KS 67060	COP-GRB	NET INVOICE:	4,609.30
	NET 30 DAYS	SALES TAX:	36.03
RECEIVED BY		INVOICE TOTAL:	4,645.33

ORIGINAL

TREATMENT REPORT



Customer ID		Date	
Customer L.O. DRIG.		4-23-04	
Lease Kuhlman	Lease No.	Well #	
Field Order # 8787	Station PRATT	Casing 4 1/2	Depth 3575
Type Job 4 1/2 L.S. NEW WELL		County BARTON	State KS
Formation TD: 3376		Legal Description 16-18S-15W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Rate	Press	ISIP		
4 1/2				175 SKS 50/50 Pore			5 Min.	
Depth	Depth	From	To	2 1/2 GEL .3% CPE-3 .8%	Max FLA-322		10 Min.	
Volume 56.65	Volume	From	To	10% SAIT 5" GILSONITE	Min		15 Min.	
Max Press 2000	Max Press	From	To	15.2% GAL 1.14 FT ³	Avg			
Well Connection	Annulus Vol.	From	To	25 SKS 60/40 Pore (R)	HHP Used M 1/6 L/S)			Annulus Pressure
Plug Depth 3562.86	Packer Depth	From	To	12 Bbls MF 12 Bbls SF	Gas Volume			Total Load

Customer Representative L.O. DAVIS	Station Manager D. AUSTRY	Treater T. SOBBA
---------------------------------------	------------------------------	---------------------

Service Units	114	80	57	46	75
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					CALLED OUT
2:30					ON LOC WITH K's & SAFETY MTG
					RUN SA J's 4 1/2 10.5" CSG SETD 3575'
					G.S HOE ; ISPV 1 IT 14.14 CENT 1-3-5-7-9
6:00					CSG ON BOTTOM ; TAG DROP BALL
					HOOK UP TO CSG & BREAK CIRC W/BSG
6:23					START PUMPING & PUFF FLUSH
	200		12		12 Bbls mud flush
			3		3 Bbls H ₂ O
			12		12 Bbls S. Flush IT
			3		3 Bbls H ₂ O
					START MIX' Pump 175 SKS 50/50 Pore & 15.2% GAL
			10		SHUT DOWN CLEAR Pump ; LINES Release Plug
	150			7	START DISP
	500		47	5	LIFT OUT
6:48	1000		57 1/2	3	Plug power
					RSE UP ON CSG
					Release: HELA
7:00					Plug P-M Holes
7:45					JOB COMPLETE

THANKS. TO DO



1018

ORIGINAL

SALES OFFICE:
100 S. Main
Suite #607
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX

SALES & SERVICE OFFICE:
10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(620) 672-1201
(620) 672-5383 FAX

SALES & SERVICE OFFICE:
1700 S. Country Estates Rd.
P.O. Box 129
Liberal, KS 67905-0129
(620) 624-2277
(620) 624-2280 FAX

Invoice

Bill to:		5087500	Invoice	Invoice Date	Order	Order Date
L.D. DRILLING INC. RR1, Box 183-B Great Bend, KS 67530-0183			404113	4/30/04	8287	4/23/04
Service Description						
Cement 4 1/2						
Lease				Well		
Kuhlman				1		
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	LD Davis	T. Seba	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D204	50/50 POZ (COMMON)	SK	175	\$6.84	\$1,197.00 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C195	FLA-322	LB	118	\$7.50	\$885.00 (T)
C221	SALT (Fine)	GAL	834	\$0.25	\$208.50 (T)
C224	CSD-32 CALCIUM SULFATE DISSOLVER	GAL	45	\$25.00	\$1,125.00 (T)
C321	GILSONITE	LB	875	\$0.60	\$525.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	5	\$67.00	\$335.00 (T)
F142	TOP RUBBER CEMENT PLUG, 4 1/2"	EA	1	\$55.00	\$55.00 (T)
F190	GUIDE SHOE-REGULAR, 4 1/2"	EA	1	\$125.00	\$125.00 (T)
F230	FLAPPER TYPE INSERT FLOAT VALVES, 4 1/2"	EA	1	\$150.00	\$150.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
C304	SUPER FLUSH II	GAL	500	\$1.85	\$925.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	65	\$3.25	\$211.25
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	65	\$2.00	\$130.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	549	\$1.30	\$713.70
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00
R208	CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC	EA	1	\$1,680.00	\$1,680.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$9,386.45

Discount: \$3,029.81

Discount Sub Total: \$6,356.64

Barton County & State Tax Rate: 6.55% Taxes: \$270.65

(T) Taxable Item

Total: \$6,627.29

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.