

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, KANSAS 67530
Purchaser: WAITING ON PIPE LINE CONNECTION
Operator Contact Person: L. D. DAVIS
Phone: (620) 793-3051
Contractor: Name: PETROMARK DRILLING, LLC
License: 33323
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. _____

<u>02/24/05</u>	<u>03/04/05</u>	<u>03/12/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 185-23300-00-00
County: STAFFORD
100°E N/2 N/2 SE Sec. 28 Twp. 22 S. R. 13 East West
2310 feet from (S) / N (circle one) Line of Section
1220 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: LONG Well #: 1
Field Name: HAHN EAST EXT (1/8 W)
Producing Formation: ARBUCKLE
Elevation: Ground: 1899' Kelly Bushing: 1905'
Total Depth: 3910' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 327.03 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.

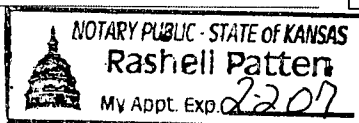
Drilling Fluid Management Plan Air 1 NCR 7-23-08
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ 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: SEC/TREASURER Date: 04/27/05
Subscribed and sworn to before me this 27 day of April,
20 05.
Notary Public: Rashell Patten RASHELL PATTEN
Date Commission Expires: 02-02-07

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



Operator Name: L D DRILLING, INC. Lease Name: LONG 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

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

SEE ATTACHED

List All E. Logs Run:

**SONIC CEMENT BOND LOG, DUAL
 COMPENSATED POROSITY LOG, DUAL
 INDUCTION LOG**

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"	23#	327'	60/40 POZMIX	275	2%GEL,3%CC, 1/4#CELL FLAKE
PRODUCTION	7 7/8"	4 1/2"	10.5#	3909'	AA-2/POZMIX	175/25	10%SALT/60-40

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
4	3552 - 3558	300 GAL 26% NE	

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3554'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. **WAITING ON LINE CONNECTION**
 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		200	0		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
 Production Interval Other (Specify)

DAILY DRILLING REPORT

OPERATOR: L.D. DRILLING, INC. LEASE: LONG #1
 SE/4 Sec 28-22-13 W
 WELLSITE GEOLOGIST: KIM SHOEMAKER Stafford County, Kansas
 & Jim Musgrove
 CONTRACTOR: Petromark Drilling, LLC ELEVATION: GR: 1899'
 KB: 1905'
 SPUD: 2/24/05 PTD: 3900'
 SURFACE: Set 317.03' 8 5/8" Surface Casing, Set @ 327.03', w/ 275 sx 60/40 Pozmix
 2% gel 3% CC, 1/4# Cellaflake Ticket 9529, by Acid Service
 Cement Did Circulate

2/25/05 Drilling Plug @ 1:00 p.m.
 2/26/05 1215' Drilling
 2/27/05 2291' Drilling
 2/28/05 3130' Drilling Displaced @ 3012'
 3/01/05 3490' ob w/ Dst #1 strap pipe ok
 3/02/05 3583' Go in hole w/ Bit after Test
 3/03/05 3700' Drilling
 3/04/05 3851' Finish DST #4

set 3909' - 4 1/2" Casing w/175 sx AA-2 Common,
 25 sx 60/40 Pozmix w/ 1/4# gilsonite per sx

SAMPLE TOPS:

Anhy	763	-1141	
Heebner	3283	-1379	-10 to R Walls
Brown Lime	3412	-1508	-8 to R Walls
Lansing	3433	-1529	
Base KC	3652	-1748	
Viola	3718	-1814	
Simpson Shale	3783	-1879	
Arbuckle	3845	-1941	
RTD	3910		
LTD	3911		

DST #1 3444 - 3490' Lansing B-E
 TIMES: 30-45-45-60
 BLOW: 1st Open: weak blo blt to 9"
 2nd Open: blt to 6"
 RECOVERY: 120' gas, 10' gassy mud
 IFP: 11 - 11 ISIP: 147
 FFP: 11 - 11 FSIP: 147
 TEMP:

DST #2 3545 - 3583' LKC H & I
 TIMES: 30-45-45-60
 BLOW: 1st Open: bb lmed gts 1 min 162 mcf
 2nd Open: 162 mcf thru out
 RECOVERY: 50' dm
 IFP: 11 - 11 ISIP: 1082
 FFP: 11 - 11 FSIP: 1082
 TEMP:

DST #3 3586 - 3630 J & K Zone
 TIMES: 30-30-30-30
 BLOW: 1st Open: blt to 2"
 2nd Open: blt to 1"
 RECOVERY: 60' socm
 IFP: 11 - 11 ISIP: 707
 FFP: 11 - 11 FSIP: 707
 TEMP:

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DAILY DRILLING REPORT

ORIGINAL

OPERATOR: L.D. DRILLING, INC.

LEASE: LONG #1

SE/4 Sec 28-22-13 W

WELLSITE GEOLOGIST: KIM SHOEMAKER

Stafford County, Kansas

CONTRACTOR: Petromark Drilling, LLC

ELEVATION: GR: 1899'

KB: 1905'

SPUD: 2/24/05

PTD: 3900'

LOG TOPS:

Heebner	3280	-1376
Brown Lime	3412	-1508
Lansing	3433	-1529
Base KC	3656	-1752
Viola	3722	-1818
Simpson Shale	3794	-1890
Arbuckle	3846	-1942

DST #4 3837 - 3851'

TIMES: 30-45-45-60

BLOW: 1st Open: bb 5 min

2nd Open: bb 5 min

RECOVERY: 60' ho, 840' water

IFP: 58-176 ISIP: 1232

FFP: 199-353 FSIP: 1209

TEMP:

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FIELD ORDER 9529

INVOICE NO.	Subject to Correction		
Date 2-24-05	Lease Long	Well # 1	Legal 28-225-13W
Customer ID	County Stafford	State KS.	Station Pratt
L.D. Drilling, Incorporated	Depth	Formation	Shoe Joint 15'
	Casing 8 5/8" 23#/ft.	Casing Depth 327'	TD 327'
	Customer Representative Steve Oetken	Treater Clarence R. Messick	

CHARGE

AFE Number	PO Number	Materials Received by
		X Steve Oetken #369

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	275 st.	60/40 Poz (common)	-			
C-194	64 lb.	Cellflak	-			
C-310	711 lb.	Calcium Chloride	-			
F-163	1 ea.	Wooden Cement Plug, 8 5/8"	-			
E-100	30 mi.	Heavy Vehicle Mileage	1-way			
E-101	30 mi.	Pickup Mileage	1-way			
E-104	356 ft.	Bulk Delivery				
E-107	275 st.	Cement Service Charge				
R-201	1 ea.	Casing Cement Pumper, 301' - 500'				
R-701	1 ea.	Cement Head Rental				
		Discounted Price =		\$ 4,220.39		
		Plus taxes				

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TOTAL

ORIGINAL

TREATMENT REPORT



Customer ID	Date
Customer L. D. Drilling, Incorporated	2-24-05
Lease Long	Lease No. Well # 1

Field Order # 9529	Station Pratt	Casing 8 5/8" 23#/ft.	Depth 327'	County Stafford	State KS.
Type Job Cement-Surface-New Well			Formation	Legal Description 28-22S-13W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8" 23#/ft.	Tubing Size	Shots/Ft		Cement 2075 sacks 60/40 Poz (common) with	RATE	PRESS	ISIP	
Depth 327'	Depth	From	To	2% Gel, 3% C.C., 1/4 #/ft.	Max		5 Min.	
Volume 20.93 bbl.	Volume	From	To	1.25 cu. ft./st., 14.72 #/gal., 5.7 gal./st.	Min		10 Min.	
Max Press	Max Press	From	To		Avg		15 Min.	
Well Connection Plug Cont.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 312	Packer Depth	From	To	Flush 20 bbl. Fresh H ₂ O	Gas Volume		Total Load	

Customer Representative Steve Oetken	Station Manager Dave Autry	Treater Clarence R. Messick
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Service Units	109	380	457	347	501
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Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:30					Trucks on location and hold safety meeting
1:45					Petromark Drilling start to run 8jts. 23# ft.
					Limited Service 8 5/8" casing
4:07					Casing in well Break circulation with rig mud pump
4:26	100			S	Start 10 bbl. Fresh H ₂ O Pre-Flush
4:28	100		10	S	Start to mix 275 sacks 60/40 Poz cement
4:43			72		Stop pumping. Shut head. Release plug. Open head
4:45	100			S	Start Fresh H ₂ O Displacement
4:50	125		20		Plugdown. Circulate 10 sacks cement to pit
5:05					Job Complete
					Thanks
					Clarence R. Messick

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TREATMENT REPORT



Customer ID	Date	
Customer L.I.D. Drilling	3-4-05	
Lease Long	Lease No.	Well # 1

Field Order # 10004	Station Pratt KS	Casing 4 1/2	Depth 3909	County Stafford	State KS
Type Job Longstring New Well			Formation	Legal Description 28-22s-13w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 4 1/2	Tubing Size	Shots/Ft 1.44	15.0	Acid 175ski AA-2 10%	RATE Salt	PRESS 2000	ISIP
Depth 3896	Depth PBTD	From	To	Perfor 5 6/8 FLA-322 22	Max G.B., 2DF		5 Min.
Volume 61.9	Volume	From	To	Pad 25ski 60-40 poz	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 Mud Flush	Gas Volume		Total Load

Customer Representative L.I.D. Davis	Station Manager Dave Autry	Treater D Scott
Service Units 124	380	57
303	572	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2100					On Loc w/Trki Safety mtg G.S. Bottom ISFV Top S.J. Cent 1-3-5-7-9 Csg on Bottom Drop Ball & Circ w/Rig
0149	300		5	5	H2O spacer
0151	300		12	5	St mud Flush
0153	300		5	5	H2O spacer
0155	320		44.8	4.3	Mix Cmt @ 15.0 app 175 ski
0206	⊖		10	5	Close In wash Pump & line
0208	100			6.8	Release Top Swiper & St Disp
0213	350		35	6.5	35 Bbls Disp out Lift Cmt
0219	1400		61.9	⊖	Plug Down psi Test Csg
0220	⊖				Release psi Float Held Plug R.H. w/15ski Good Circ Thru Job
					Plug R.H. & M.H. w/25ski Poz
					Job Complete

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