

ORIGINAL

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 26th Avenue  
City/State/Zip: Great Bend, Kansas 67530  
Purchaser: NCRA  
Operator Contact Person: L. D. Davis  
Phone: (620) 793-3051  
Contractor: Name: Sterling Drilling, Inc.  
License: 5142  
Wellsite Geologist: Roger Martin

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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. \_\_\_\_\_  
3-3-04 3-16-04 3-25-04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 185-23235-00-00  
County: Stafford SE  
SW SE NW SE Sec. 14 Twp. 21 S. R. 13  East  West  
1450 feet from S N (circle one) Line of Section  
1780 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Hall 'C' Well #: 1-14  
Field Name: \_\_\_\_\_

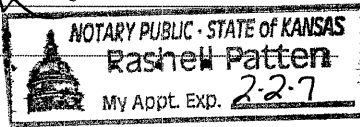
Producing Formation: Arbuckle  
Elevation: Ground: 1863' Kelly Bushing: 1872'  
Total Depth: 3747' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 276' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT #1 RGR 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: Bessie Newkiff  
Title: Secretary/Treasurer Date: 6-3-04  
Subscribed and sworn to before me this 3rd day of June,  
20 04.  
Notary Public: Rashell Patten  
Date Commission Expires: 2/2/7



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: L. D. Drilling, Inc. Lease Name: Hall 'C' Well #: 1-14  
 Sec. 14 Twp. 21 S. R. 13  East  West County: Stafford SE

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Dual Induction Log Compensated Density/Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name _____ Top _____ Datum _____  (See Attached)  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">                     RECEIVED                      JUN 14 2004                      KCC WICHITA                 </div>
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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"		276'	70/30 Poz	275	2% cc 3% Gel
Production	7 7/8"	4 1/2"	10.5#	3747'	50/50 Poz 60.40 Poz	175 RH24	Gil, Salt

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
2	3570-3573	500 Gal. 28% NEFE	
		750 Gal. 28% NEFE	
		750 Gal. 15% FENE	

TUBING RECORD	Size <b>2 3/4"</b>	Set At <b>3743'</b>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>3-25-04</b>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <b>1</b>	Gas Mcf	Water Bbls. <b>145</b>	Gas-Oil Ratio Gravity

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18.)*       Other (Specify) \_\_\_\_\_

**ATTACHMENT TO ACO-1  
Well Completion Form**

**Hall "C" #1-14  
APPROX SW SE NW SE 14-21S-13W  
Stafford County, Kansas  
API #: 15-185-23235**

**LOG TOPS**

<b>FORMATION</b>	<b>DEPTH</b>	<b>SUBSEA</b>
Anhydrite	723	+1149
Red Eagle	2276	(-404)
Heebner Shale	3140	(-1268)
Toronto	3159	(-1287)
Douglas	3172	(-1300)
Brown Limestone	3265	(-1393)
Lansing	3282	(-1410)
Arbuckle	3567	(-1695)
Total Depth	3750	(-1878)

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MORNING DRILLING REPORT				Fax to: <b>Mark Shreve-Wichita</b>																	
Sterling Drilling Company, Rig #1 Box 1006, Pratt, Kansas 67124-1006 Office Phone (620) 672-9508, Fax 672-9509			Wellsite Geologist: Roger Martin	# of Pages		1	Fax#		316-264-6440												
Rig #1 Phone Numbers (Dog House)				IN USE		Toolpusher		WELL NAME				Hall 'C' 1-14									
								LOCATION				SW SE NW SE									
(620) 793-0971				Rig Cellular		Yes		GARY		SEC				14	TWP	21s	RNG	13w	CO	Stafford	
(620) 450-7819				Geologist Cellular		Yes		PUGH		Mull Drilling Co., Inc.											
(620) 793-0490				Tool Pusher Cellular		Yes		HOME PHONE		P.O. Box 2758											
(620) 278-2462/278-3392				Sterling Shop Phone/Fax		Yes		(620) 234-6881		Wichita, Kansas 67201-2758											
										ELEVATION				G.L.	1863.4	K.B.	1872.4	API#	15-185-23235-0000		

Location staked by Robinson Services on 02/11/04. Langfeld Dirt Service called Dig-Safe. Langfeld built location on 02/24/04. Dug cellar 7' deep to accommodate a low profile pumping unit. Will set top of surface casing as low as possible. On 02/26/04 Kelly's Water Well Service drilled a 75' deep water well with a static water level 17' from surface. Application for Div Of Water Resources permit & CKLEPG water permit were mailed 02/26/04. Curt's Trash Service will supply trash trailer. Sunrise Supply will deliver surface casing for both the Hall C & D on Wednesday. SDC made spud call to KCC on 03/02/04.

**Day** 1 **Date:** 03/03/04 **Wednesday** *Heavy drizzle, 0.50 inches fallen by 9:00 am. Slick on top.*  
Entire rig was at location 6:00 pm Tuesday. Started rigging up at 7:00 am. Have 2 caterpillars to assist this am due to rain. Should have cats released before noon. Plan to set surface casing today. Then shutdown for crew rest. Drill out from under surface casing on daylight tour Friday 03/05/04.

**Day** 2 **Date:** 03/04/04 **Thursday** *Spud at 2:30 pm 03/03/04. Survey at 276' = 1/2 degree.*  
Rig has set surface and is shutdown at 276' for crew rest. Will drill out on Friday (Daylight Tour). Drilled 276' in 24.00 hours.  
Ran 2.75 hours, down 21.25 hours - (7.00 Rig up, .50 Drill/Set Rathole, .75 Circulate/Trip out, 1.75 Run/cement casing, 11.25 Rig is down for crew rest).  
Mud Properties: Spud mud- Vis 36, Wt. 9.2, LCM 3#; Wt. On Bit 10,000, 120 RPM, Pump Pressure 400, SPM 56.  
Surface Bit: 12-1/4" New Varel, footage 276' in 2.75 hrs.  
Spud at 2:30 pm on 03/03/04. Drilled 12-1/4" hole to 276'. Ran 6 joints of new 8-5/8" surface casing, tallied 280', set 6' below ground level at 276' KB. Cemented with 275 sx 70/30 Poz, 2% CC, & 3% Gel. Cement did circulate. Plug down at 7:45 pm on 03/03/04 by Allied Cementing. Ticket # 14911. Welder strapped bottom 3 joints together and welded collars on remaining joints.

**Day** 3 **Date:** 03/05/04 **Friday**  
*Rained 4" previous 48 hours. Had caterpillar cut ditch to allow rain water to drain away from location.*  
Going in hole with bit to drill out cement plugs at 276' at 7am. Drilled 0' in 24 hours.  
Ran 0.00 hours, down 24.00 hours (24.00 Rig was shutdown for crew rest).  
Mud Properties: Native/Water; Wt. On Bit 10,000, 80 RPM, Pump Pressure 450, SPM 56.

**Day** 4 **Date:** 03/06/04 **Saturday** *Driller's Anhydrite (710' to ?)*  
Drilling at 1650' at 7am. Drilled 1374' in 24 hours.  
Ran 14.00 hours, down 10.00 hours (1.00 Start motors, .50 Trip in, 2.25 Repairs, .50 Rig check, .50 Drill plug, 5.25 Jet/Connections).  
Mud Properties: Vis 28, Wt. 9.4; Wt. On Bit 25,000, 80 RPM, Pump Pressure 800, SPM 57  
Bit No. 1 Rerun Reed 7-7/8" HP52, depth in 276', footage 1374' in 14.00 hours.

**Day** 5 **Date:** 03/07/04 **Sunday**  
Drilling at 2480' at 7am. Drilled 830' in 24 hours.  
Ran 20.00 hours, down 4.00 hours (1.00 Rig Check, 2.75 Jet/Connections, .25 Repairs).  
Mud Properties: Vis 31, Wt. 9.7; Wt. On Bit 30,000, 80 RPM, Pump Pressure 850, SPM 56.  
Bit No. 1 Rerun Reed 7-7/8" HP52, depth in 276', footage 2204' in 34.00 hours.

**Day** 6 **Date:** 03/08/04 **Monday** *Displaced at 2820'.*  
Drilling at 3160' at 7am. Drilled 680' in 24 hours. *Dozer out today for mud truck, fuel truck and reserve pit haul off. Will back drag location.*  
Ran 19.75 hours, down 4.25 hours (1.00 Rig check, 2.25 Jet/Connections, .25 Displace, .75 Repairs).  
Mud Properties: Chemical/Pac; Vis. 45, Wt. 9.0, WL 9.2, FC 1/32, pH 11.0, Chl. 2,400, LCM 0; Wt. On Bit 30,000, 80 RPM, Pump Pressure 850, SPM 56.  
Bit No. 1 Rerun Reed 7-7/8" HP52, depth in 276', footage 2884' in 53.75 hours.

**Day** 7 **Date:** 03/09/04 **Tuesday** *(DST #1 3271' to 3340'). Survey at 3340' = 3/4 degree. Paul's Oilfield Service hauled 480 bbl free fluids off reserve pit 03/08/04.*  
Trip in hole after DST #1 at 3340' at 7am. Drilled 180' in 24 hours.  
Ran 5.75 hours, down 18.25 hours (.50 Rig check, .25 Jet/Connections, 1.25 Repairs, 1.50 CFS at 3322', 1.50 CFS at 3340'; 2.00 Short trip, 1.00 CTCH, 4.00 DST #1, 6.25 Tripping).  
Mud Properties: Chemical/Pac; Vis. 48, Wt. 8.9, WL 9.6, FC 1/32, pH 11.0, Chl. 3,100, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 850, SPM 56.  
Bit No. 1 Reed 7-7/8" HP52 Rerun, depth in 276', depth out 3340', footage 3064' in 59.50 hours.

**Day** 8 **Date:** 03/10/04 **Wednesday** *(DST #2 3339' to 3362')*  
Drilling at 3400' at 7am. Drilled 60' in 24 hours.  
Ran 3.00 hours, down 21.00 hours (6.75 Repairs(Tooke Daq gas detector system), 1.75 CFS @ 3362', 4.25 DST #2, 8.25 Tripping).  
Mud Properties: Chemical/Pac; Vis. 54, Wt. 9.2, WL 7.6, FC 1/32, pH 11.0, Chl. 4,500, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 800, SPM 56.  
Bit No. 2 Reed 7-7/8" HP52RR, depth in 3340', footage 60' in 3.00 hours.

**Day** 9 **Date:** 03/11/04 **Thursday** *(DST #3 3397'-3441'), (DST #4 3437'-3463').*  
On bottom with DST #4 at 3463' at 7am. Drilled 63' in 24 hours.  
Ran 3.25 hours, down 20.75 hours (.75 Rig check, 1.00 CFS @ 3423', 1.75 CFS @ 3441', 4.25 DST #3, 1.00 CTCH, 1.50 CFS @ 3463', 10.50 Tripping).  
Mud Properties: Chemical/Pac; Vis. 51, Wt. 9.2, WL 9.2, FC 1/32, pH 11.0, Chl. 9,000, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 800, SPM 56.  
Bit No. 2 Reed 7-7/8" HP52RR, depth in 3340', footage 123' in 6.25 hours.

**Day** 10 **Date:** 03/12/04 **Friday** *(DST #5 3460'-3510'). Survey @ 3510' = 3/4 degree.*  
Trip in hole after DST #5 at 3510' at 7am. Drilled 47' in 24 hours.  
Ran 2.75 hours, down 21.25 hours (4.00 DST #4, 1.00 CTCH, .25 Rig check, .25 Connections, 1.50 CFS @ 3485', 1.75 CFS @ 3510', 3.25 DST #5, 9.25 Tripping).  
Mud Properties: Chemical/Pac; Vis. 51, Wt. 9.0, WL 10.2, FC 1/32, pH 11.0, Chl. 11,000, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 800, SPM 56.  
Bit No. 2 Reed 7-7/8" HP52RR, depth in 3340', depth out 3463' footage 123' in 6.25 hours. Bit No. 3 Reed 7-7/8" HP52 RR, depth in 3463', footage 47' in 2.75 hours.

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**MORNING DRILLING REPORT****Sterling Drilling Company, Rig #1**

Box 1006, Pratt, Kansas 67124-1006  
 Office Phone (620) 672-9508, Fax 672-9509

Wellsite Geologist:  
 Roger Martin

**Rig #1 Phone Numbers (Dog House)**

		IN USE	Toolpusher
(620) 793-0971	Rig Cellular	Yes	Gary
(620) 450-7819	Geologist Cellular	Yes	Pugh
(620) 793-0490	Tool Pusher Cellular	Yes	Home Phone
(620) 278-2462/278-3392	Sterling Shop Phone/Fax	Yes	(620) 234-6881

Fax to: **Mark Shreve-Wichita**

# of Pages: 1 Fax#: 316-264-6440

WELL NAME: **Hall 'C' 1-14**LOCATION: **SW SE NW SE**

SEC	14	TWP	21s	RNG	13w	CO	Stafford
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Mull Drilling Co., Inc.

P.O. Box 2758

Wichita, Kansas 67201-2758

ELEVATION	G.L.	1863.4	K.B.	1872.4	API#	15-185-23235-0000
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Day: **11** Date: **03/13/04** Saturday (DST #6 3500-3587').

Drilling at 3605' at 7am. Drilled 95' in 24 hours.

Ran 4.75 hours, down 19.25 hours (1.00 CTCH, .25 Rig check, .25 Jet, .25 Repairs, 1.50 CFS @ 3587', 4.00 DST #6, 9.50 Tripping, .75 CTCH, 1.75 CFS @ 3598').  
 Mud Properties: Low solids polymer; Vis. 52, Wt. 8.8, WL 10.0, FC 1/32, pH 11.00, Chl. 11,800, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 800, SPM 56.  
 Bit No. 3 Reed 7-7/8" HP52 RR, depth in 3463', depth out 3587', made 124' in 6.50 hours. Bit No. 2 Reed 7-7/8" RR back in at 3587', has drilled 141' in 7.25 hours.

Day: **12** Date: **03/14/04** Sunday (DST #7 3587'-3605', DST #8 3605'-3618')

Trip out with DST #8 at 3618' at 7am. Drilled 13' in 24 hours.

Ran 0.50 hours, down 23.50 hours (1.25 CFS @ 3605', 4.00 DST #7, 1.00 CTCH, 1.75 CFS @ 3618', 3.25 DST #8, 12.25 Tripping).  
 Mud Properties: Chemical/Pac; Vis. 46, Wt. 9.0, WL 10.2, FC 1/32, pH 11.0, Chl. 14,000, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 850, SPM 56.  
 Bit No. 2 Reed 7-7/8" HP52 RR back in at 3587', has drilled 154' in 7.75 hours.

Day: **13** Date: **03/15/04** Monday (DST #9 3618'-3628')

Trip out for logs at 3750' RTD at 7am. Drilled 132' in 24 hours.

Ran 3.75 hours, down 20.25 hours (1.00 CTCH, 1.00 CFS @ 3628', 2.25 DST #9, .25 WOO, 1.00 CTCH, 1.50 Circulate to condition mud, .25 Repairs, .25 Rig check, .50 Jet/Connections, 1.75 CFS @ 3750', 10.50 Tripping).  
 Mud Properties: Chemical/Pac; Vis. 55, Wt. 9.0, WL 10.4, FC 1/32, pH 10.0, Chl. 15,000, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 850, SPM 56.  
 Bit No. 2 Reed 7-7/8" HP52 RR back in at 3587', depth out 3750', drilled 286' in 11.50 hours.

Day: **14** Date: **03/16/04** Tuesday RTD = 3750', LTD = 3746'. (DST #10 Straddle Test 3605'-3638' after logs).

At 12:00 noon on 03/16/04 LD Drilling took over operations of the Hall C 1-14.

Survey at 3750' = 3/4 degree.

Ready to run 4-1/2" casing at 7:00 am. Drilled 0' in 24 hours.

Ran 0.00 hours, down 24.00 hours (3.25 Logging, .75 WOO, 2.50 Repairs (Brake blocks), 3.00 DST #10, 9.25 Tripping, 1.00 CTCH, 4.25 LDDP).  
 Mud Properties: Chemical/Pac; Vis. 55, Wt. 9.0, WL 10.4, FC 1/32, pH 10.0, Chl. 15,000, LCM 0; Wt. On Bit 35,000, 80 RPM, Pump Pressure 850, SPM 56.

Day: **15** Date: **03/17/04** Wednesday

Moving to the Hall D 1-17 at 7:00 am.

Ran 0.00 hours, down 24.00 hours (1.00 Lay down kelly and rathole, 1.25 Run 4-1/2" casing, .50 Circulate, .50 Cement casing, 1.00 Jet pits/Set casing slips, 4.25 Tear down, 16.00 Rig is down).

Ran 87 joints of new 10.5#, 4-1/2" casing. Tally 3747', set at 3747' KB. Cemented with  
 175 sx 50/50 Poz. Plug down at 10:15 am on 03/16/04. Acid Service's ticket #7927.  
 Plugged Rathole with 25 sx 60/40 Poz, no mousehole.

Water Usage = 3,715 bbl

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INVOICE NO.  
Date 3-16-04  
Customer ID

Subject to Correction  
Lease HALL "C"  
Well # 1-14  
Legal 14-215-13W  
County STAFFORD  
State KS  
Station PRATT  
Depth 105 1/2' Formation  
Shoe Joint ISFV 43.23  
Casing 4 1/2 Casing Depth 3747.34 TD 3750'  
Job Type 4 1/2 L.S. NEW WORK  
Customer Representative L.O. DAVIS  
Treater T. SCZA

**FIELD ORDER 7927**

CHARGE

L.D. DRILLING INC.

AFE Number PO Number

Materials Received by **X** L.D. Davis

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-204	175 SKS	50/50 Poz				
D-203	25 SKS	60/40 Poz				
C-311	994 lbs	CAL SET				
C-321	790 lbs	GILSONITE				
C-221	880 lbs	SAIT				
C-244	45 lbs	CMT FRICTION REDUCER				
C-195	120 lbs	FLA-322				
C-243	15 lbs	DEFOAMER				
F-190	1 EA	G. SHOE REG. 4 1/2				
F-230	1 EA	ISFV - FLAPPER TYPE				
F-142	1 EA	TOP Rubber Plug				
F-100	7 EA	TURBOLIZER				
C-302	500 GAL	MUD PLOW A				
C-141	2 GAL	CC-1				
					RECEIVED	
					JUN 4 2004	
					KCC WICHITA	
E-107	200 SKS	CMT SEW. CHARGE				
E-101	45 mi	PU MI				
E-100	45 mi	UNITS /WAY MILES 45				
E-104	385 TM	TONS MILES				
R-203	1 EA	EA. 3747 PUMP CHARGE				
R-201	1 EA	CMT HEAD RENTAL				
				DISCOUNTED PERM =	5,723.23	
				+ TAXES		

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

TOTAL



# TREATMENT REPORT

Customer ID		Date	
Customer <i>L.O. D&amp;G INC.</i>		<i>3/16/04</i>	
Lease <i>HALL "C"</i>		Lease No.	Well # <i>1-14</i>
Field Order # <i>1927</i>	Station <i>PRATT</i>	Casing <i>4 1/2</i>	Depth <i>3747.34</i>
Type Job <i>4 1/2 L.S. NEW WELL</i>		County <i>STAFFORD</i>	State <i>KY</i>
Formation <i>TO: 3750'</i>		Legal Description <i>14-215-13W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Fluid <i>175 SKI 50/50 Poz</i>	RATE	PRESS	ISIP	
Depth <i>3747.34</i>	Depth	From	To	Pre Pad <i>2% 60/40 Col/SET .3</i>	Max <i>CAPE-3 9 1/2 FLW-322</i>	5 Min.		
Volume <i>59.99</i>	Volume	From	To	Pad <i>1% DEFORMER 10%</i>	Min <i>SALT 5" GILSONITE</i>	10 Min.		
Max Press <i>2000</i>	Max Press	From	To	Frac <i>14.2% CAL 1.42 #3</i>	Avg	15 Min.		
Well Connection <i>PC</i>	Annulus Vol.	From	To	<i>25 SKI 60/40 Poz R.M</i>	HHP Used <i>16 HOLE</i>	Annulus Pressure		
Plug Depth <i>3704.11</i>	Packer Depth	From	To	Flush <i>20 Bbls 2% KCL 12 Bbls</i>	Gas Volume <i>16 1700 FLW 11</i>	Total Load		

Customer Representative <i>L.O. DAVIS</i>	Station Manager <i>D. AUSTRY</i>	Treater <i>T. SEBA</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00					CALLED out
4:30					ON LOC w/ TRK'S & SAFETY MTG
					RUN 97 JT'S 4 1/2 10.5" CSG SET @ 3747.34
					G. SHOE: ISPV 1JT = 43.23
					CENT 1-3-5-7-9-11-13
7:15					CSG ON BOTTOM: TAG DROP BALL
9:20					Hook up TO CSG & BREAK CIRC w/ RIG
9:40	200			4 1/2	START PUMPING PREFLUSH
			20		20 Bbls 2% KCL
			12		12 Bbls MUD FLUSH
			3		3 Bbls H2O
			44.26		START MIX: Pump 175 SKI 50/50 Poz @ 14.2%
10:00			10		SHUT DOWN Release Plug CLEAR Pump! 2TJES
10:09	200			6 1/2	START DISP
	500		47	4	LIFT CMT
12:15	1000		59.99	3	Plug DOWN
	1500				TEST up LEAK psi w/ leak psi up
					Release: HELD
					Plug 12.74 Holes
					JOB COMPLETE

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 JUN 14 2004  
 KCC WICHITA

*THANKS JOHN*