

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: LD Drilling, Inc.
Address: RR 1 Box 183 B
City/State/Zip: Great Bend, Kansas 67530
Purchaser: Genesis Crude Oil, L.P./Reliance Energy

Operator Contact Person: L.D. Davis

Phone: (316) 793-3051

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

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. _____

01-21-01 02-03-01 2-21-01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 033-21180-0000

County: Comanche County, Kansas

C. NW. NE. Sec. 1 Twp. 31 S. R. 20 ☐ East ☒ West

760 feet from S (N) (circle one) Line of Section

1880 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Arlie Well #: 2

Field Name: Wildcat

Producing Formation: _____

Elevation: Ground: 2125' Kelly Bushing: 2134'

Total Depth: 5685' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 633 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

Alternate II completion, cement circulated from _____

Set depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Alt I KGR 1/4/08
(Data must be collected from the Reserve Pit)

Solids 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: L.D. Davis

Title: President Date: April 4, 2001

Subscribed and sworn to before me this APRIL day of APRIL
My Appt. Exp. 5-20-01

Notary Public: Bessie M. DeWerff

Notary Public: Bessie M. DeWerff

Date Commission Expires: 5-20-01

KCC Office Use ONLY

☐ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

Operator Name: **L.D. Drilling, Inc.**Lease Name: **Arlie**Well #: **2**Sec. **1** Twp. **31** S. R. **20** ☐ East ☒ WestCounty: **Comanche County, Kansas**

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

(Attach Additional Sheets)

☐ Yes ☐ No

Samples Sent to Geological Survey

☐ Yes ☐ No

Cores Taken

☐ Yes ☐ No

Electric Log Run

☐ Yes ☐ No

(Submit Copy)

List All E. Logs Run:

Borehole Compensated Sonic, Dual Induction,
DUAL COMPENSATED POROSITY, MICRORESISTIVITY
LOG

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

Name

Top

Datum

See Attached

CASING RECORD

☒ New ☐ 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	# Sacs Used	Type and Percent Additives
Conductor		20"	34#	60'			
Surface	12-1/4"	8-5/8"	24#	633'	Lite Class A	225 100	3%cc 3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	5218'	Premium	250	10%salt

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
6 spf	5080-5086 Expendable	1000 Gal 15%	
	5080-5086 Gas Gun		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	5092'		☐ Yes ☐ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls.
	45 225 10 bbl

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

SECTION TO BE MADE
GAS-OIL RATIO
WATER-CUT
GRAVITY
WATER-EXPL.
BARRELS PER DAY

ORIGINAL

DAILY DRILLING REPORT

OPERATOR: L. D. DRILLING, INC.

LEASE: ARLIE #2

C NW NE SEC. 1-31-20

Comanche County, Ks.

WELLSITE GEOLOGIST:

ELEVATION: 2125' 2134' KB

CONTRACTOR: DUKE DRILLING-RIG 4

PTD: 6000'

SPUD: Jan 21st @ 11:15

CONDUCTOR STRING: Set @ 60' (20") 1-03-01

SURFACE: Ran 15 Jts. 8 5/8" 24# Set @ 633' W/225 sx. Lite, 3% cc 1/4# flo-seal per sk.
 Top: 100 sx. class A, 2% Gel, 3% cc Plug down 2:45 P.M. 1-21-01 Did Circ.
 Allied Cementing

1-05-01 Dig Rotary Pits
 1-21-01 Move in rig up & spud
 1-22-01 980' Drilling
 1-23-01 2280' Drilling
 1-24-01 2985' Drilling survey 1/4°
 1-25-01 3490' Drilling " 1/2° @3248'
 1-26-01 3903' Drilling
 1-27-01 4385' DST #1
 1-28-01 4440'
 1-29-01 4755' Drilling
 1-30-01 5034' Circ. Miss.
 1-31-01 5075' 7:00 A.M. Circ @ 5096' prepare
 for DST #3
 2-01-01 5125' Drilling
 2-02-01 5549' Drilling
 2-03-01 5685' RTD DST #4 (mis-run)
 Logged
 2-04-01 Ran 128 Jts. new 5 1/2" production
 csg. Set @ 5218' W/250 sx. premium
 5% Calseal, 10% salt, 5% Halad 322,
 5# Gilsonite per sk. Halliburton
 Plug Down @ 7:17 A.M. 2-04-01

SAMPLE TOPS:

Howard	3702 (-1568)	3701 (-1567)
Heebner	4162 (-2028)	4164 (-2030)
Brown Lime	4343 (-2209)	4348 (-2214)
Lansing	4367 (-2233)	4373 (-2239)
Stark	4673 (-2539)	4674 (-2540)
B/KC	4804 (-2670)	4805 (-3671)
Marm.	4830 (-2696)	4823 (-2693)
Cherokee	4942 (-2808)	4940 (-2806)
Miss.	5021 (-2887)	5021 (-2887)
Viola	5558 (-3424)	5560 (-3426)
RTD	5685	Log TD 5685

LOG TOPSStraddle test

DST #1 4378-4406 Lansing B
 TIMES: 30-45-45-60
 BLOW: 1st Open bb in 2 min.
 2nd open bb in 1 min.
 RECOVERY: 1500' gip, 124' HO&GCMW
 72' HO&GCMW, 50' water
 IFP: 27-59 FFP: 65-12 ISIP: 1418 FSIP: 1404

DST #2 5027-5065 Miss.
 TIMES: 30-45-45-120
 BLOW: 1st open bb in 1 1/2 min.
 2nd open bb immediately
 RECOVERY: 2200' gip, 35' gcm 15% gas

IFP: 9-14 FFP: 14-17 ISIP: 787 FSIP: 1612
 temp: 110°

DST #3 5068-5096 Miss.
 TIMES: 30-45-45-120
 BLOW: 1st open bb in 2 min.
 2nd open bb immediately
 RECOVERY: GTS immediately
 21,600-7140 mcf
 226' sw&mcgo, 5% water, 10% mud,
 45% gas, 40% oil
 62' vsm&wcgo, 3% water, 5% mud,
 30% gas, 62% oil
 82' vsmcgwco, 5% mud, 15% gas, 15% Water
 65% oil
 40' water

IFP: 38-94 FFP: 117-183
 ISIP: 1592 FSIP: 1640

DST #4 5573-5685 Viola (mis-run)
 test tool problem



JOB SUMMARY 70006

REGION North America	NWA / COUNTRY Mid Continent	TICKET # 1123645	TICKET DATE 2-4-01
MBU ID / EMP # AKA10101 106322	EMPLOYEE NAME D. M'lane	BDA / STATE KS	COUNTY Comanche
LOCATION Liberal	COMPANY D.D. Drilling	PSL DEPARTMENT Cement	ORIGINAL
TICKET AMOUNT	WELL TYPE 02	CUSTOMER REP / PHONE	
WELL LOCATION Coldwater	DEPARTMENT Cement	API / UWI #	JOB PURPOSE CODE 035
LEASE / WELL # Alicia 2	SEC / TWP / RNG 1 31s 20W	HES FACILITY (CLOSEST TO WELL SITE) Liberal KS	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
D. M'lane 106322							
S. Tate 105953							
M. Cochran 217398							
HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420995	120						
54038-77941	120						
51794-75821	120						

Form Name _____ Type: _____
Form Thickness _____ From: _____ To: _____
Packer Type _____ Set At _____
Bottom Hole Temp: _____ Pressure _____
Misc Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar Baffle 5/12	1	
Float Shoe Sump Pk & Skw	1	
Guide Shoes		
Centralizers 5/12	8	
Bottom Plug		
Top Plug Latchdown 5/12	1	
Head Pic 5/12	1	
Packer		
Other Basket 5/12	1	

MATERIALS

Treat Fluid _____	Density _____	Lb/Gal _____
Disp. Fluid _____	Density _____	Lb/Gal _____
Prop. Type _____	Size _____	Lb. _____
Prop. Type _____	Size _____	Lb. _____
Acid Type _____	Gal. _____	% _____
Acid Type _____	Gal. _____	% _____
Surfactant _____	Gal. _____	In _____
NE Agent _____	Gal. _____	In _____
Fluid Loss _____	Gal/Lb _____	In _____
Gelling Agent _____	Gal/Lb _____	In _____
Fric. Red. _____	Gal/Lb _____	In _____
Breaker _____	Gal/Lb _____	In _____
Blocking Agent _____	Gal/Lb _____	In _____
Perfpac Balls _____	Qty _____	
Other _____		
Other _____		
Other _____		
Other _____		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
		2-3-01 1730	2-3-01 2300	2-4-01	2-4-01

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALL
Casing	11	15.5	5/12	153	5209.43
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole					
Perforations					
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				See Job Log
TOTAL		TOTAL		

ORDERED	HYDRAULIC HORSEPOWER	Used
TREATED	Average Rates in BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason
34.32	Shoe Joint	

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/G
	250	Premium	B	5% Gel Seal 10% Salt 5% Haled-322 5% Gilsomite	1.39	15.2
	25	Premium	B	5% Gel Seal 10% Salt 5% Haled-322 5% Gilsomite	1.39	15.2

Circulating _____	Displacement _____	Preflush: G3-BBL 500	Type Mud Slush
Breakdown _____	Maximum _____	Load & Bkdn: Gal-BBI	Pad: BBI-Gal
Average _____	Frac Gradient _____	Treatment Gal-BBI	Disp: BBI-Gal 123
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal-BBI 62	Raw 6
		Total Volume Gal-BBI	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
THE INFORMATION STATED HEREIN IS CORRECT		CUSTOMER'S REPRESENTATIVE SIGNATURE	

JOB LOG

ORDER NO. 70006

TICKET #

ORIGINAL

TICKET DATE

North America

NWA / COUNTRY	NO.	DATE	TIME	TYPE	STATUS	REMARKS

BDA / STATE

COUNTY

MBU ID / EMP #

EMPLOYEE NAME

PSL DEPARTMENT

LOCATION

COMPANY

CUSTOMER REP / PHONE

TICKET AMOUNT

WELL TYPE

[illegible]

WELL LOCATION

DEPARTMENT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
JOB PURPOSE CODE																																																																																																			

LEASE / WELL #

SEC / TWP / RNG

HES FACILITY (CLOSEST TO WELL SITE)	
-------------------------------------	--

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS

[illegible]

SALES ORDER

ORIGINAL



Halliburton Energy Services, Inc.

Sales Order Number: 1123645

Sales Order Date: February 03, 2001

SOLD TO:

L D DRILLING CO
ROUTE 1 BOX 183-B
GREAT BEND KS 67530
USA

Ticket Type:

Services

Well/Rig Name:

L.D. DRILLING ARLIE 2,COMANCHE

Company Code:

1100

Customer P.O. No.:

N/A

Shipping Point:

Liberal, KS, USA

Sales Office:

Mid-Continent BD

Well Type:

Gas

Well Category:

Development

Service Location:

0037

Payment Terms:

Net due in 20 days

SHIP TO:

L.D. DRILLING ARLIE 2,COMANCHE
ARLIE
*
COLDWATER KS 67029
USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	CEMENT PRODUCTION CASING - BOM JP035	1	JOB					
1	MILEAGE FROM NEAREST HES BASE, 000-117	120	MI		4.05	486.00	145.80--	340.20
	Number of Units	1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119	120	MI		2.38	285.60	85.68--	199.92
	Number of Units	1	unit					
16091	CSG PUMPING,0-4 HRS,ZI 001-016 / CSG PUMPING,0-4 HRS,ZI DEPTH FEET/METRES (FT/M)	1	EA		2,917.00	2,917.00	875.10--	2,041.90
		5,700						
		FT						
132	PORTABLE DAS,/DAY/JOB,ZI 045-050	1	JOB		916.00	916.00	274.80--	641.20
	NUMBER OF DAYS	1	Days					
7	ENVIRONMENTAL SURCHARGE,/JOB,Z 000-150	1	JOB		66.24	66.24		66.24
114	R/A DENSOMETER W/CHART RECORDER 019-500	1	JOB		625.00	625.00	187.50--	437.50
	NUMBER OF UNITS	1	each					
88	PLUG CONTAINER RENTAL-1st Day 019-248	1	EA		582.00	582.00	174.60--	407.40
	NUMBER OF DAYS	1	Days					



ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 1123645

Sales Order Date: February 03, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100078075	SHOE ASSY - FORM PACKER - 5-1/2 80855.137 / SHOE ASSY - FORM PACKER - 5-1/2 8RD - / 7 IN. OD PKR - FLAPPER VALVE TYPE	1	EA		3,975.00	3,975.00	993.75--	2,981.25
100078046	FILUP ASSY,1.250 ID,FORM PKR S FILLUP ASSY - 1.250 ID - FORM PKR SHOE / FILLUP ASSY - 1.250 ID - FORM PKR SHOE	1	EA		110.00	110.00	27.50--	82.50
100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 H 806.60022 / CENTRALIZER ASSY - API - 5-1/2 CSG X / 7-7/8 HOLE - HINGED - W/WELDED / IMPERIAL BOWS	8	EA		70.00	560.00	168.00--	392.00
100004614	BSKT,CEM,5 1/2 CSG,SLIP-ON,STL 806.71430 / BASKET - CEMENT - 5-1/2 CSG - SLIP-ON / - STEEL BOWS - CANVAS	1	EA		211.00	211.00	63.30--	147.70
13383	SBM MUD FLUSH,ZI 018-315 / SBM MUD FLUSH,ZI	500	GAL		1.05	525.00	157.50--	367.50
100003687	Cement- Premium (Bulk) CEMENT - CLASS H - PREMIUM - BULK / CEMENT - CLASS H - PREMIUM - BULK	275	SK		18.95	5,211.25	1,563.38--	3,647.87
100064022	Chem- Calseal 60 (Bulk) 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	13	SK		47.57	618.41	185.52--	432.89
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	1,375	LB		0.69	948.75	284.63--	664.12
100003646	CHEMICAL - HALAD-322 - 50 LB S 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	130	LB		9.05	1,176.50	352.95--	823.55
100003695	SALT,CEM GR,BULK 509-968516.00315 / SALT - CEMENT GRADE - BULK	1,333	LB		0.22	293.26	87.98--	205.28
3965	HANDLE&DUMP SVC CHRGR, CMT&ADDI 500-207	340	CF		2.47	839.80	251.94--	587.86
	NUMBER OF EACH	1	each					



ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 1123645

Sales Order Date: February 03, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
76400	MILEAGE,CMTG MTLs DEL/RET PER/ 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	1,799	MI		1.51	2,716.49	814.95--	1,901.54
		1.00	ton					
	SALES ORDER AMOUNT							16,368.42
	Sales Tax - State							581.43
	Sales Tax - County							36.04
	Sales Tax - City/Loc							118.68
	SALES ORDER TOTAL							17,104.57 US Dollars

Operator Name:

Halliburton Approval X _____

Customer Agent:

Customer Signature X _____

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

8344
ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

H.B. - M. Lodge

DATE <u>1-21-01</u>	SEC. <u>1</u>	TWP. <u>31</u>	RANGE <u>20</u>	CALLED OUT <u>5:30 AM</u>	ON LOCATION <u>9:00 AM</u>	JOB START <u>1:30 PM</u>	JOB FINISH <u>2:45 PM</u>
LEASE <u>Relic</u>	WELL # <u>2</u>	LOCATION <u>Coldwater N to C.L. 6 1/2 W.</u>	COUNTY <u>Comanche</u>	STATE <u>Kansas</u>			
OLD OR NEW (Circle one) <u>new</u>			<u>South into</u>				

CONTRACTOR Duke Drilling (Ric 4)

OWNER L.D.

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 633'

CASING SIZE 8 5/8 DEPTH 633'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 600# MINIMUM

MEAS. LINE SHOE JOINT 42'

CEMENT LEFT IN CSG. x 42'

PERFS.

DISPLACEMENT x 37 1/2 BBLs

EQUIPMENT

H.B.

PUMP TRUCK CEMENTER Duke Drilling

120 HELPER Steve Turley

BULK TRUCK

258 DRIVER Larry Drilling

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED 225 ex lite 3% cc, 1/4 fl oz seal
100 ex class A 3% cc 2% gel

COMMON 100 wt @ 6.35 635.00

POZMIX @

GEL 2 wt @ 9.50 19.00

CHLORIDE 18 wt @ 28.00 280.00

FLD. SEAL SG II @ 1.15 64.40

Lite WATE 225 @ 6.00 1350.00

@

@

@

HANDLING 349 ex @ 1.05 366.45

MILEAGE 349 mi @ 50 17450.00

TOTAL 3,412.85

REMARKS:

SERVICE

Ran 15 jts new 8 5/8 casing to bottom,
circ w rig pump, pump 5 bbls fresh h²o ahead
mixed 225 ex lite 3% cc 1/4 fl oz seal + 100 ex
class A 3% cc 2% gel, shut down, change valves
release 8 5/8 rubber plug + displace with 37 bbls
fresh h²o. Cement did circulate
cement in collar

DEPTH OF JOB 633'

PUMP TRUCK CHARGE 300 470.00

EXTRA FOOTAGE 333 @ 43 143.19

MILEAGE 50 @ 3.00 150.00

PLUG 1-8 5/8 solid rubber @ 90.00

@

@

TOTAL 853.19

CHARGE TO: L.D. Drilling Inc.

STREET R.R. 1 Box 183

CITY Cheat Bend STATE Kansas ZIP 67530

Thank you!

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Robert D. Bond

FLOAT EQUIPMENT

1-8 5/8 Baffle plate @ 45.00

2-8 5/8 centralizers @ 55.00 110.00

1-8 5/8 Basket @ 180.00

@

@

TOTAL 335.00

TAX

TOTAL CHARGE 4600.99

DISCOUNT 4600.99 IF PAID IN 30 DAYS

Net 1140.90

Robert D. Bond

PRINTED NAME