

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 129-21226-0000
County Morton
App. C S/2 SW Sec. 29 Twp. 32 Rge. 40 X E

CONFIDENTIAL

Operator: License # 3680

Name: L. B. Industries, Inc.

Address 12200 E. Briarwood Ave., #250
Englewood, CO 80112-6702

City/State/Zip _____

Purchaser: Associated Natural Gas

Operator Contact Person: Layle L. Robb

Phone (303) 790-8340

Contractor: Name: Beredco, Inc.

License: 5147

Wellsite Geologist: none

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: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9/22/93 10/07/93 11/26/93
Spud Date Date Reached TD Completion Date

660 Feet from S/N (circle one) Line of Section
1320 Feet from E/W (circle one) Line of Section

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

Lease Name Lemon Well # 1-29

Field Name Wildcat

Producing Formation Morrow

Elevation: Ground 3369 KB 12 ft.

Total Depth 5900' KB PBTD 5816' KB

Amount of Surface Pipe Set and Cemented at 1660 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3087' KB Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 4-1-94
(Data must be collected from the Reserve Pit)

Chloride content 900 ppm Fluid volume 150 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator RELEASED

Lease Name _____ License No. KCC

FEB 14 1995 Quarter _____ Sec. _____ Twp. DEC 20 E/W

County CONFIDENTIAL Docket No. CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Layle L. Robb

Title Operations Manager Date 12/20/93

Subscribed and sworn to before me this 20th day of December 19 93

Notary Public S. L. Parker

Date Commission Expires 3/9/97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
12-27-93
DEC 27 1993
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
CONSERVATION DIVISION
Wichita, Kansas

Operator Name L. B. Industries, Inc. Lease Name Lemon Well # 1-29
 Sec. 29 Twp. 32S Rge. 40 East West
 County Morton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Name	Top	Datum
Heebner	3725	-343
Lansing	3780	-398
B7. Kansas City	4264	-882
Marmaton	4340	-958
Morrow	5082	-1700

List All E.Logs Run:
 Spectral Density Dual Spaced Neutron II
 Dual Induction Latero Log

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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24	1660	HLC Prem. Plus	550 150	2% CC, 1/4# Floccle 2% CC, 1/4# Floccle
Production	7-7/8"	4-1/2"	10.5	5896'	50-50 Poz	430 700	2% gel, 12.5# Gtl 2% gel, 5# Gtl

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back/TD				
<input type="checkbox"/> Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5290-94 and 5300-07	1200 gal 7 1/2% FE acid and 70 RCNB's	

TUBING RECORD Size 2-3/8 Set At 5235' KB Packer At 5198' KB
 Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. November 26, 1993 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0/0	3523	tr.	N/A	

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: 5290' to 5307'

ORIGINAL

CONFIDENTIAL

ATTACHMENT TO ACO-1

L. B. Industries, Inc.
Lemon #1-29
SW/4 Sec. 29-T32S-R40W
Morton County, Kansas
API 15-129-21226

DST #1 @ 5286' - 5300', GTS in 1 min. of initial open @ 2916 MCFD, GTS imed. final open @ 2441 MCFD. Rec. 2' mud, IHP 2541, IF 412-485, ISIP 1000, FFP 469-416, FSIP 966, FHP 2465, BHT 120.

DST #2 @ 5305' - 5350', GTS imed. initial open @ 5662 MCFD, GTS imed. on final open @ 5842 MCFD, rec. 1 cond. IHP 2533, IF 1001 - 1001, ISIP 1078, FFP 1001-1001, FSIP 1089, FHP 2495, BHT 121.

DST #3 @ 5508'-5550', rec. 110' mud and 1270' salt water. IHP 2639, IFP 104-240, ISIP 1255, FFP 325-620, FSIP 1245, FHP 2561.

KCC

DEC 20

CONFIDENTIAL

RELEASED

FEB 14 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

DEC 27 1993

CONSERVATION DIVISION
Wichita, Kansas



CHARGE TO: L.B. Industries
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

No.

TICKET
 50794
 1027
 RECEIVED BY AMERICAN
 APPROVE
 OF AMERICAN DIVISION
 Wichita, Kansas

FORM 1906 R-12

SERVICE LOCATIONS 1. <u>025540</u>	WELL/PROJECT NO. <u>1-29</u>	LEASE <u>Lemon</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>9-24-93</u>	OWNER <u>Sam</u>
2. <u>025535</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Berardo</u>	RIG NAME/NO. <u>2 KCO</u>	SHIPPED VIA <u>CoTel</u>	DELIVERED TO <u>Location</u>	ORDER NO. <u>ST</u>
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO.	WELL LOCATION <u>29-323-40W</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

DEC 20

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PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
000-117		/				MILEAGE 8408 (R.T.)	1	UN	46	mi	2.25	126.50
001-016		/				Pump Charge	6	hr	1660	¢		1220.00
030-016		/				Sw Top Plug	1	pc	8 5/8	in		120.00
16A	830.2171	/				Guide Shoe	1	pc	8 5/8	in		161.00
24A	815.19522	/				insert float	1	pc	8 5/8	in		171.00
27	815.19415	/				fillup	1	pc	8 5/8	in		55.00
40	807.93059	/				Centralizers	4	pc	8 5/8	in	22.00	288.00
350	890.10802	/				Weld A	1	pc	1	lb.		14.50

RELEASED FEB 14 1995

FROM CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: [Signature]
 DATE SIGNED: _____ TIME SIGNED: _____

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>2156.00</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): X
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): [Signature]
 HALLIBURTON OPERATOR/ENGINEER: [Signature] EMP # D4033
 HALLIBURTON APPROVAL:

CONFIDENTIAL

ORIGINAL

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
L.B. Industries		1-29		Leman		8 3/4 Surface		509941	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	20:00								Called Out ready 20:00.
	22:00								ON location, rig drilling
	22:30								Safety meeting, Set up Co Trk
	25:00								Start casing, run floccing agent
	06:20								Casing on bottom,
	06:25								hookup iron, rig circulating
	06:35								hookup iron, Co Trk.
	06:40	6	200			250			Start lead cement
	07:17	6	35			202			Start Tail Cement
	07:20					0			Shut down, drop SW Top Plug
	07:23	6	50			150			Start water displacement
	07:28	6	63			350			Cement Circulated to surface
	07:38	3	10			500			Slowed rate
	07:42					550			plug landed
	07:42					800			pressured up
	07:43					0			released pressure, float held
	07:45								Job Complete
									Thanks for calling
									Halliburton
									KCC
									Released DEC 20
									a Crew CONFIDENTIAL
									Circulated 23 1/4 cm L ± 199 sks
									RELEASED
									FEB 14 1995
									FROM CONFIDENTIAL
									RECEIVED STATE CORPORATION COMMISSION
									DEC 27 1993
									CONSERVATION DIVISION Wichita, Kansas

FIELD N. Rolla SEC 29 TWP. 32S RNG. 40W COUNTY Marion STATE MO

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 5/8	K.B.	1660	
LINER						
TUBING						
OPEN HOLE			12 1/4	K.B.	1665	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-23-93</u>	DATE <u>9-25-93</u>	DATE <u>9-24-93</u>	DATE <u>9-24-93</u>
TIME <u>20:00</u>	TIME <u>22:00</u>	TIME <u>05:00</u>	TIME <u>07:45</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>insect</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>fill up</u>	<u>1</u>	<u>O</u>
GUIDE SHOE	<u>1</u>	<u>W</u>
CENTRALIZERS	<u>4</u>	<u>C</u>
BOTTOM PLUG		<u>H</u> <u>O</u>
TOP PLUG	<u>1</u>	<u>O</u>
HEAD	<u>1</u>	<u>W</u>
PACKER		<u>C</u>
OTHER <u>weld A</u>	<u>1</u>	<u>G</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Taylor</u>	<u>D4033</u>	<u>Liberal</u>
<u>W. Fox</u>	<u>52938</u>	<u>Liberal</u>
<u>D. McIntyre</u>	<u>4408</u>	<u>Liberal</u>
<u>S. Tate</u>	<u>52920</u>	<u>Hugoton</u>
	<u>5303</u>	<u>Hugoton</u>
	<u>51984</u>	<u>Hugoton</u>
	<u>E0568</u>	<u>Hugoton</u>
	<u>7620</u>	<u>Hugoton</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE **RELEASED** IN _____
 NE AGENT TYPE _____ GAL. _____ IN _____
 FLUID LOSS ADD. TYPE _____ GAL. _____ IN _____
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____
 BREAKER TYPE _____
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____

DEPARTMENT Cement KCC
 DESCRIPTION OF JOB 8 5/8" Surface
 DEC 20
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR R Taylor COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>550</u>	<u>HLC</u>	<u>C</u>	<u>D</u>	<u>2% C.C., 1/4" /sk Floccle</u>	<u>2.06</u>	<u>12.3</u>
<u>2</u>	<u>150</u>	<u>Premium Plus</u>	<u>C</u>	<u>B</u>	<u>2% C.C.</u>	<u>1.82</u>	<u>14.8</u>

PRESSURES IN PSI SUMMARY VOLUMES.

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 705 (511)
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 237 STATE REGISTRATION COMMISSION
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 340
 ORDERED _____ AVAILABLE _____ USED _____ RAMARKS DEC 27 1993
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 42.26 REASON Shoe Joint

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STATE REGISTRATION COMMISSION

CONSERVATION DIVISION
 Wichita Kansas

CUSTOMER B Industrial
 LEASE Leanna
 WELL NO. 1-25
 JOB TYPE 8 5/8" Surface

JOB LOG FORM 2013 R-4

CUSTOMER L.B. INDUSTRIES	WELL NO. 1-29	LEASE LEMAN	JOB TYPE 4 1/2 DUES	TICKET NO. 507925
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							Called - Requested F.R. 2100
	2045							F.F. on location - Liquid Down Control
	2130							Ran 4 1/2 casing
	2400							Casing in. Hook up to Mud Pump
	0020							More Circulation - Safety etc
	0110							1200 Shut Mud Pump Down - Drop Ball - Pump up Rig
	0130							Shut Mud Pump Down - Hook up to Cut Line to Pump Ball thru
1	0135				✓	0-150		Pump Ball thru - CONFIDENTIAL
2	0136	6	12	✓		400		Pump 12 BBL Super Fresh -
3	0138	6	10	✓		100-400		Pump 10 BBL H ₂ O - Good Return
4	0140	6	123	✓		250		Pump 450 SY @ 13.2# - " " Recipe
	0204							KCC Slurry in. Shut Down. Drop Bottom Pugh - Wash Pumps & Lines
5	0208	5	54			0-750		Pump H ₂ O Displacement - NO RETURN - CONFIDENTIAL
6	0218					200-500		Press Cleared to 750 PSI 25 BBL into Displacement - Fall to 250 PSI - Climbed to 500 PSI & Levelled off - NO RETURN - Slowed Rate 5 to 4 BPM
7	0212	3		✓		600		Pump Mud Disal - Slowed Rate to 3 BPM
8	0226	3-1.5	29	✓		1050/300		Slow Rate - NO RETURN - 29 BBL mud out
9	0235		39	✓		1250/1700		Pugh Down - Hold 3 min - Release Press - Manual - Drop Operating Device
10	0255	3	10	✓		0-1400-180		Pump to Open Tool - Operated @ 1400 PSI Pumped 10 BBL mud - Shut Down - Swirl over to P.H. Pump - Increase of HR in sec
	0645							Shut Rig Pump Down - Hook up to Cut Line
11	0650	3				150		Pump 10 BBL H ₂ O Spurge
12	0653	5				150		Pump 700 SY Slurry @ 13.4# - Good Return
13	0731	3.5		✓		0		Slurry in. Shut Down. Drop Pugh - Wash up Pumps & Lines
14	0735	3		✓		0		Displaced w/ H ₂ O
15	0746	3.2	45	✓		0		Slow Rate
15	0748		49	✓		200-0		Pugh Down - DID NOT STATE CORP. COMMISSION Blow Press up to 2000 PSI - Slowed Rate - RECEIVED Release Press - Released from Commission * Lost Circ. 160 BBL Slurry Pumped Wichita, Kansas



HALLIBURTON
ENERGY SERVICES

CONFIDENTIAL

TICKET CONTINUATION

COPY

TICKET No. 93
COMMISSION

FORM 1911 R-8

CUSTOMER: L. B. Industries
WELL: Lemon 1-29
DATE: 10-27-93
PAGE: 1 OF 1

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M				
504-131						50/50 Premium pozmix Cement	1150	sk			6.92	7958.00		
504-043	516.00272													
506-105	516.00286													
506-121	516.00259													
507775	516.00144					Halad-322	386	lb			6.90	2663.40		
508-002	70.15302					Potassium chloride 3#W/1150	1740	lb			.27	469.80		
508-291	516.00337					Gilsonite 12.5#W/ 450.5#W/ 700	9125	lb			.40	3650.00		
500-207						SERVICE CHARGE			CUBIC FEET	1333	1.35	1799.55		
500-306						MILEAGE CHARGE	TOTAL WEIGHT	109,783	LOADED MILES	21	TON MILES	1152.7215	1.95	1095.09

CONFIDENTIAL
KCC
DEC 20

ORIGINAL

RELEASED
FEB 14 1995
FROM CONFIDENTIAL

CONTINUATION TOTAL
17,235.14

WELL DATA

FIELD _____ SEC 29 TWP 32S RING 43W COUNTY McPherson STATE Kc

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE: _____ MUD TYPE _____ MUD WT _____

PACKER TYPE DV Cement SET AT 3096

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC DATA _____ TOTAL DEPTH 5900

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	10.5	4.5	13	5900	
LINER						
TUBING						
OPEN HOLE			7 7/8	8 7/8	5900	SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR PDE 4 1/2	1	Shawco
FLOAT SHOE		
GUIDE SHOE BCG	1	
CENTRALIZERS 5-1	18	
BOTTOM PLUG SET	1	
TOP PLUG FASGAN	1	
HEAD BASKET	1	
BACKER SCRAMBLER-1000	15	
OTHER WOOD A	1	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API

DISPL. FLUID _____ DENSITY _____ LB/GAL. °API

PROP. TYPE _____ SIZE _____

PROP. TYPE _____ SIZE _____ LB

ACID TYPE _____ GAL _____

ACID TYPE _____ GAL _____

ACID TYPE _____ GAL _____

SURFACTANT TYPE _____

NE AGENT TYPE _____ GAL _____ IN _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____

GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____

BREAKER TYPE _____ GAL.-LB. _____ IN _____

BLOCKING AGENT TYPE _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER 17 BBL. Spac Fluid

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-6</u>	DATE <u>10-6</u>	DATE <u>10-7</u>	DATE <u>10-7</u>
TIME <u>1800</u>	TIME <u>2045</u>	TIME <u>2400</u>	TIME <u>2700</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Kucenwal	11873	LIBERAL
BROADBENT	Dillard	"
TATE	E0568	HOLTON
DAVIS	E4550	"

KCC

DEC 20

CONFIDENTIAL

CONFIDENTIAL

DEPARTMENT 5301

DESCRIPTION OF JOB 4 1/2 DILLS

JOB DONE THRU TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Gene Beards

HALLIBURTON OPERATOR Kucenwal COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT./BK.	MIXED LBS./GAL.
1	450	PHS-150/400 PCL		B	22% CEM - 37% PCL - 17 1/2% Sulfonate - 41093 HAWAD 322	1.83	13.2
2	700	PHS-150/400 PCL		B	22% CEM - 37% PCL - 5% Sulfonate - 41093 HAWAD 322	1.37	13.7

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FELT 45 REASON Side Trip

SUMMARY

VOLUMES

PREFLUSH: BBL.-GAL 12 TYPE Slurry Fluid

LOAD & BKDN: BBL.-GAL _____ PAD: BBL.-GAL _____

TREATMENT: BBL.-GAL _____ DISPL.: BBL.-GAL _____

CEMENT SLURRY: BBL.-GAL _____

TOTAL VOLUME: BBL.-GAL _____

RAMARKS

RECEIVED

DID NOT CIRCULATE ACEL. STOP

100% IN 1ST STAGE

ACEL OPERATING TIME 4:00

DEC 27 1995

CUSTOMER: L. R. INDUSTRIES
LEASE: 1-27
WELL NO: 1-27
JOB TYPE: 1/2 DILLS
DATE: 12-27-95



CHARGE TO: *H. I. INDUSTRIES*
 ADDRESS: **CONFIDENTIAL**
 CITY, STATE, ZIP CODE:

COPY

TICKET

No. 507925 - 0

PAGE 1 OF 1

FORM 1906 R-12

SERVICE LOCATIONS 1. <i>25540</i>	WELL/PROJECT NO. <i>1-29</i>	LEASE <i>LEMON</i>	COUNTY/PARISH <i>MADEIRA</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>10-6-95</i>	OWNER <i>Energy</i>
2. <i>25535</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO. <i>BEREDCO #2</i>	SHIPPED VIA <i>Truck</i>	DELIVERED TO <i>LOCATION</i>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY =	JOB PURPOSE <i>OES</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <i>NOT 42-132</i>					

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING LOC ACCT DF	TIME	DESCRIPTION	QTY.	UM	UNIT PRICE	AMOUNT
000-187		1		MILEAGE	50	MI	2.5	275.00
007-013				1ST STAGE PUMPING	1	HR	1850	1850.00
007-161	ORIGINAL			2ND STAGE PUMPING	1	HR	1295	1295.00
018-317		XCC		SUPER FUSED	1	EA	1200	1200.00
12A	825.201			GUIDE SIDE	1	EA	95	95.00
28	838.10130			PDF LOCAL	1	EA	755	755.00
71	813.85100			DV CONCRETE	1	EA	2471	2471.00
75	813.10410			POG SET	1	EA	450	450.00
40	807.73004			CENTRALIZERS	1	EA	771	771.00
56	807.2005			SCAFFOLDS CARB	15	EA	25.50	382.50
66	807.64021			FASG RIF	1	EA	11	11.00
320	800.888A			BASKET	1	EA	105	105.00
350	870.10802			WELDER A	1	EA	14.50	14.50

CONFIDENTIAL
 DEC 2 0
 RELEASED
 FEB 14 1995
 FROM CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
X Gary Roberts

DATE SIGNED: *10-6-95* TIME SIGNED: *2:00*

do do not require IPC (Instrument Protection) Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

SURVEY AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	7181.50
FROM CONTINUATION PAGE(S)	17635.84
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	27317.34

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) *X Gary Roberts* HALLIBURTON OPERATOR/ENGINEER *Ken [Signature]* EMP # *01293* HALLIBURTON APPROVAL