

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

Operator: License # 6039
Name: L. D. Drilling, Inc.
Address RR 1 Box 183 B
West 10th Street
City/State/Zip Great Bend, Ks 67530

Purchaser: National Cooperative Refinery Association

Operator Contact Person: L. D. Davis
Phone (316) 793-3051

Contractor: Name: L. D. Drilling, Inc
License: 6039

Wellsite Geologist: Kim Shoemaker

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

9-10-95 9-21-95 10-02-95
Spud Date Date Reached TD Completion Date

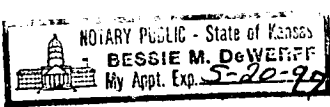
API NO. 15- 101-217090000
County Lane
SW NW SW Sec. 17 Twp. 16 Rge. 27 ^E _W
1650 Feet from (S)N (circle one) Line of Section
330 Feet from (E)W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (S)W (circle one)
Lease Name Albin Well # 1
Field Name WC
Producing Formation Kansas City
Elevation: Ground 2691' KB 2696'
Total Depth 4600' PBTD _____
Amount of Surface Pipe Set and Cemented at 287' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2147' Feet
If Alternate II completion, cement circulated from 2147'
feet depth to Surface w/ 450 sx cmt.
Drilling Fluid Management Plan ALT II 4-12-96
(Data must be collected from the Reserve Pit) KW
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: KCC
RELEASED
Operator Name _____ JAN 1 1997
Lease Name MAR 1 1 1997 License No. CONFIDENTIAL
Quarter _____ **CONFIDENTIAL** Twp. _____ S Rng. _____ E/W
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 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 L. D. Davis L. D. Davis
Title President Date 1-11-96
Subscribed and sworn to before me this 11th day of January,
19 96.
Notary Public Bessie M. DeWerff
Bessie M DeWerff
Date Commission Expires 5-20-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
STATE CORPORATION COMMISSION



JAN 16 1996
01-16-96
Form ACO-1 (7-91)

Operator Name L. D. Drilling, Inc

Lease Name Albin

Well # 1

Sec. 17 Twp. 16 Rge. 27 East West

County Lane

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3908	(-1213)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3947	(-1252)
List All E.Logs Run: DST on separate sheet Log tops on separate sheet		K/C	4023	(-1328)
		Stark	4125	(-1500)
		Pleasanton	4266	(-1571)
		Marmaton	4284	(-1589)
		Labette	4442	(-1747)
		Cherokee	4474	(-1779)
		Mississippi	4545	(-1850)

CASING RECORD <input 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 1/2"	8 5/8"	28#	287'	50/50 poz	165	2% gel, 3%CC
Production	7 7/8"	4 1/2"	10.5#	4597'	40/60 poz	150	2% gel, 18% salt 3/4% Halad
2nd stage	W/450	H.L.C. W/2% Gel + 1/2# flo- cele P/sx				50	same +5# gilsonite

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 spf	4540-4543	Cherokee	500 gal. 15% NE	
4 spf	4521-4526		1000 gal. 15% NE	4521-4526	
4 spf	4462-4466	Ft. Scott	1500 gal. 15% NE	4462-4466	
4 spf	4446-4449			4446-4449	
4 spf	4202-4206	200' Zone	500 gal. 15% NE	4202-4206	
4 spf	4114-4118		500 gal. 15% NE	4114-4118	
4 spf	4100-4104	140' zone		4100-4104	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4594'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
10-4-95	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20		140		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 4104-4600

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

CONFIDENTIAL

ORIGINAL

Attachment to ACO #1

LEASE: Albin #1
SW NW SW Sec 17-16-27W
Lane County

OPERATOR: L. D. Drilling, Inc
RR 1 Box 183 B
Great Bend, Kansas 67530

15-101-21709 0000

Log Tops

Anhydrite	2106	+ 589
Heebner	3906	(-1211)
Lansing	3945	(-1250)
Kansas City	4023	(-1328)
Stark	4193	(-1498)
Pleasanton	4262	(-1567)
Marmaton	4280	(-1585)
Labette	4438	(-1743)
Cherokee	4471	(-1776)
Mississippi	4547	(-1852)

DST #1 4019-4034 70' zone

Times: 30-45-45-60
Blow: 1st open 7"
2nd open 9"
Recovery: 140' GIP, 46' clean oil 37 grav.
31' HOCM -sg & wc 40% oil
IFP: 22-22 FFP: 45-45
ISIP: 1015 FSIP: 940
HP: 1957-1957 Temp 118

DST #5 4430-4475 Ft. Scott

Times: 30-45-45-60
Blow: bb in 20 min.
bb in 30 sec.
Recovery: 607' gip, 15' ocm 15% oil,
31' mco 50% oil, 31' co 43% grav.
IFP: 45-56 FFP: 56-56
ISIP: 506 FSIP: 576
HP: 2223-2201 Temp. 124°

DST #2 4098-4122 140' Zone

Times: 30-45-45-60
Blow: 1 1/2"
18th"
Recovery: 60' gas, 10' CD 35 Grav.,
40" SOCWM 3% oil, 37% water
IFP: 34-34 FFP: 45-45
ISIP: 1117 FSIP: 1102

DST #3 4126-86 160-180 zone

Times: 30-30-30-30
Blow: 1st open died in 9 min.
2nd open no blow
Recovery: 1' Mud @/few oil specks
IFP: 45-45 FFP: 45-45
ISIP: 56 FSIP: 56
HP: 2023- 2034

DST #4 4190-4208

Times: 30-45-45-60
Blow: bb in 21 min
bb in 14 min.
Recovery: 543' gip, 15' CO 39 grav.
62' MCO 50% oil, 62' HO&GCM 27% oil
31' O&WCW 10% oil 15% water
31' water W/trace oil - 1% oil
IFP: 45-47 FFP: 78-94 ISIP: 931 FSIP: 918 HP: 2067 Temp 125°

RELEASED

MAR 11 1997

FROM CONFIDENTIAL

NOU

JAN 1 2

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JAN 16 1996

RECEIVED
STATE CORPORATION COMMISSION

CUSTOMER COPY

INVOICE



HALLIBURTON ORIGINAL

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

15-101-21709-0000

INVOICE NO.	DATE
839987	09/21/1995

WELL CASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
ALBIN 1	LANE	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
HAYS	L.D. DRILLING	CEMENT PRODUCTION CASING	09/21/1995		
ACCT. NO.	CUSTOMER/AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
89450	GREG DAVIDSON			COMPANY TRUCK	96789

CONFIDENTIAL

L D DRILLING CO
ROUTE 1 BOX 183-H
GREAT BEND, KH 67530

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	140	MI	2.75	385.00
007-013	MULT STAGE CEMENTING-1ST STAGE	4600	FT	1,765.00	1,765.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	1,400.00	1,400.00
837.00300	FLOAT SHOE-SS11-4-1/2 BRD	1	EA	200.00	200.00
807.93004	CENTRALIZER 4-1/2 X 7 7/8 8.44	1	EA	43.00	258.00
800.8881	CEMENT BASKET 2-1/2"			105.00	105.00
813.56125	CEMENTER-TYPE P ES-4-1/2 BRD	1	EA	2,085.00	2,085.00
813.16410	CLAYFIX II	2	GAL	28.00	56.00
75	PLUG SET - FREE FALL - 2-STAGE	1	EA	450.00	450.00
504-136	CEMENT - 40/60 POZMIX STANDARD	200	SK	7.16	1,432.00
509-968	SALT	1973	LB	.15	296.70
507-775	HALAD-322	126	LB	7.00	882.00
508-291	GILSONITE BULK	250	LB	.50	125.00
504-316	CEMENT - HALL. LIGHT STANDARD	450	SK	8.03	3,613.50
507-277	HALLIBURTON-GEL BENTONITE	8	SK	18.60	148.80
507-210	FLOCELE	113	LB	1.65	186.45
500-207	BULK SERVICE CHARGE	734	CFT	1.35	990.90
500-306	MILEAGE CNTG MAT DEL OR RETURN	2127	TMI	.95	2,020.65

INVOICE SUBTOTAL 16,400.00
 DISCOUNT - (BID) 5,610.98
 INVOICE BID AMOUNT 10,789.02

CONFIDENTIAL

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY

INVOICE



HALLIBURTON ORIGINAL

REMIT TO: P.O. BOX 961046 DALLAS, TX 75395-1046

INVOICE NO.	DATE
839987	09/21/1995

15-01-81709-0000

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
ALBIN 1	LANE	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
HAYS	L. D. DRILLING	CEMENT PRODUCTION CASING	09/21/1995
ACCT. NO.	AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
489450	GREG DAVIDSON		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	96789

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

CONFIDENTIAL

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				403.01
	*-HAYS CITY SALES TAX				82.26
<p>RELEASED</p> <p>MAR 11 1997</p> <p>FROM CONFIDENTIAL</p> <p>JAY</p> <p>CONFIDENTIAL</p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$11,274.29

TERMS: Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

ADDRESS: **L.D. Drilg Inc**

CITY, STATE, ZIP CODE: **Great Bend, Ks**

DATE: **MAR 9 1997**

FROM CONFIDENTIAL

TICKET No. **15-101-21709-0000**
839987 - 5

PAGE **1** OF **2**

1. SERVICE LOCATIONS HAYS 25525	WELL/PROJECT NO. 1	LEASE Albin	COUNTY/PARISH Lawrence	STATE Ks	CITY/OFFSHORE LOCATION Pendennis, Ks	DATE 9-21-95	OWNER SAME
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR L.D. Drilg	RIG NAME/NO. 1	SHIPPED VIA 51145	DELIVERED TO WELLSITE	ORDER NO.	
3. WELL TYPE 01	WELL CATEGORY 03	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION 1/2-W 1 1/4-N Pendennis Ks	REFERRAL LOCATION		
INVOICE INSTRUCTIONS							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	140	mi			2.75	385.00
007-013	001-016	1			Pump Service	84600	ft			1765.00	1765.00
007-161		1			APP STAGE	1	SB			1400.00	1400.00
SA	837.00300	1			Superscal II Float Shoe	1	EA	4 1/2	IN	200.00	200.00
40	807.93004	1			Centralizers	6	EA	4 1/2	IN	43.00	258.00
320		1			Cement Basket	1	EA	4 1/2	IN	105.00	105.00
71	813.56125	1			ES Cementer	1	EA	4 1/2	IN	2085.00	2085.00
314-163		1			Clifix II	2	gal			28.00	56.00
75	813.16410	1			Plug Set - Free Fall	1	EA	4 1/2		450.00	450.00

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *Bill Davidson*
 DATE SIGNED _____ TIME SIGNED _____

A.M.
 P.M.

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

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	SURVEY AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE <input type="checkbox"/> 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? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	PAGE TOTAL 6704.00 FROM CONTINUATION PAGE(S) 9399.00 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 16103.00
BEAN SIZE	SPACERS		
TYPE OF EQUALIZING SUB.	CASING PRESSURE		
TUBING SIZE	TUBING PRESSURE		
TREE CONNECTION	TYPE VALVE		

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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<i>Bill Davidson</i>	<i>Gail Palmberg</i>	41489	561



TICKET CONTINUATION

ORIGINAL
15-101-21709-0000

TICKET No. 839987

HALLIBURTON ENERGY SERVICES Trk. 3846-8206
4444-5070

CUSTOMER
L. D. Drilling

WELL #1 Albin

DATE 9-21-95

PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-136		1			40/60 Pozmix Cement W/2%Gel	200				7.16	1,432.00
509-968		1			Salt Blended 1978	1,978	1b			15	296.70
507-775		1			Halad-322 Blended	120	1b			7.00	882.00
508-291		1			Gilsonite Blended W/50	250	1b			50	125.00
504-316		1			Halliburton Light Cement	450				7.37	3,316.50
507-277		1			Halliburton Gel @2% Add.	8				18.60	148.80
507-210		1			Flocele Blended	113	1b			1.65	186.45
ORIGINAL											
CONFIDENTIAL											
RELEASED											
JAN 11 1997											
FROM CONFIDENTIAL											
JAN 12											
CONFIDENTIAL											
500-207		1			SERVICE CHARGE					1.35	770.90
500-306		1			MILEAGE CHARGE					.95	2020.65
					TOTAL WEIGHT	58,745					
					LOADED MILES	70					
					CUBIC FEET	707	734				
					TON MILES	2,056.075	2127				

CONTINUATION TOTAL 9,521.37
9,399.00

No. B 285437

WELL DATA
FIELD WILDCAT SEC 17 TWP 16S RING 27W COUNTY LANE STATE Ks

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 9-20 MUD TYPE SEAEM MUD WT. 9.4
PACKER TYPE PS CEMENTER SET AT 2150
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 4600

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			7 1/2	0	4597	
LINER						
TUBING						
OPEN HOLE			7 7/8	4597	4600	SHOTS/FT.
PERFORATIONS			ORIGINAL			
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY.	MAKE	
FLOAT COLLAR			
FLOAT SHOE <u>SUPERSEAL II</u>	<u>1</u>	<u>HES</u>	
GUIDE SHOE			
CENTRALIZERS <u>S-4 4 1/2</u>	<u>6</u>	<u>HES</u>	
BOTTOM PLUG			
TOP PLUG <u>ES PLUG SET</u>	<u>1</u>	<u>HES</u>	
HEAD <u>ES CEMENTER</u>	<u>1</u>	<u>HES</u>	
PACKER <u>Cement Basket</u>	<u>1</u>	<u>HES</u>	
OTHER			

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-20</u>	DATE <u>9-20</u>	DATE <u>9-21</u>	DATE <u>9-21</u>
TIME <u>2030</u>	TIME <u>2345</u>	TIME <u>0700</u>	TIME <u>1200</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>G. Palmberg 41487</u>	<u>40089</u>	<u>HAYS</u>
<u>G. Blessing 52160</u>	<u>51145</u>	<u>HAYS</u>
<u>T. Pfannenstiel 41682</u>	<u>8206</u> <u>3846</u>	<u>HAYS</u>
<u>R. Talkington 20741</u>	<u>5070</u> <u>4444</u>	<u>DUNCAN</u> <u>HAYS</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____

ACID TYPE RELEASED CONFIDENTIAL

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN _____

NE AGENT TYPE MAR 11 1997 GAL. _____ IN KUL

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

GELLING AGENT TYPE CONFIDENTIAL GAL. _____ LB. _____ JAN 12

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

BREAKER TYPE _____ GAL. _____ LB. _____ CONFIDENTIAL

BLOCKING AGENT TYPE _____ GAL. _____ LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER 2601 CLASH II w 24 BBL

OTHER _____

CEMENT DID CIRCULATE

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT 2 STAGE
PRODUCTION STRING

SNOW

JOB DONE THRU: TUBING CASING ANNULUS TBG. ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR G. Palmberg COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>150</u>	<u>40/60 Pozmix II</u>	<u>B</u>	<u>290 Gal</u>	<u>18% Salt 3/4% HALAD-322</u>	<u>1.45</u>	<u>13.9</u>
<u>1</u>	<u>50</u>	<u>40/60 Pozmix A</u>	<u>B</u>	<u>290 Gal</u>	<u>18% Salt 3/4% HALAD-322</u> <u>5# Gilsenite 1sk</u>	<u>1.44</u>	<u>13.9</u>
<u>2</u>	<u>450</u>	<u>17LC</u>	<u>B</u>	<u>290 Adm'l Gal</u>	<u>1/4# Flocc 1sk</u>	<u>1.67</u>	<u>13.1</u>

PRESSURES IN PSI _____ VOLUMES _____

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BBL. 24 TYPE 29% CLASH II

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL. GAL. _____ PAD: BBL. GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL. GAL. _____ DISPL: BBL. 110

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL. 186

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL. 320

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 42 REASON SHOE POINT

REMARKS
SEE JOB LOG,
Thank you
Nail, Gary, Jim & Richard

L.V. 11/19
LEASE ALBIA
WELL NO. 1
JOB TYPE Prod C39
DATE 9-21-95



JOB LOG HAL-2013-C

DATE 9-20-95

CUSTOMER LD Dtg WELL NO. 1 LEASE Albion JOB TYPE 2 stage Prod Csg TICKET NO. 839988

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							Called out
	2345							On Location Rig being Downed
	0400							Start 4 1/2" casing in hole
								Set up equipment
								Supercase II @ 4557'
								Baffle @ 4557' elev: 1, 4, 7, 10, 13, 57
								ES CEMENTER 2150'
								Casing in hole
	0700							Rig up to circulate
								Circulate for 45 mins
								Tie on to pump truck
	0755	6	24			400		Pump 2% Clafix PreFlush
	0805	4				400		Start mixing cement
								150 sks 40/60 Pozmix 'A' 2% Gal
								18% SALT 314% Halad-322
								50 sks 40/60 Pozmix 'A' 2% Gal
								18% SALT 314% Halad-322 5" Gibbon 1 sk
	0918	4	52			200		Cement mixed
								Wash out pump & lines
								Release Plug
	0920	5				100		Start Displacement
			75			1300		Plug down
								Release Pressure - Float Hold
	0							Drop Free Plug
	0900					1000		OPED ES CEMENTER
								Circulate w/ Rig Pump
								Rig up to pump truck
	1035							Plug Rat Hole 15 sks Cnt
	1049		4 1/2			200		Start mixing cement
								450 sks HLC 2% ADD'l Gal
								1/4" Flasele 1 sk
	1110		135			400		Cement mixed
								Release Plug
	1110	5						Start Displacement
	1118		35			1700		Plug down
								Release Pressure by closed
								WASH UP & BACK UP Job Completed

APPROVED BY
 5755E
 3555E
 APPROVED BY
 5755E
 3555E

Thank you Hall, Gary, John & Richard

FIELD OFFICE

ALLIED CEMENTING CO., INC.

1669

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

ORIGINAL

SERVICE POINT:

Arco City

DATE <u>9-10-95</u>	SEC <u>17</u>	TWP <u>16</u>	RANGE <u>27</u>	CALLED OUT <u>8:00PM</u>	ON LOCATION <u>9:30PM</u>	JOB START <u>1:00 AM</u>	JOB FINISH <u>1:30 AM</u>
LEASE <u>Allen</u>	WELL # <u>1</u>	LOCATION <u>Pondanna west Side 1 1/2 N</u>			COUNTY <u>Lawe</u>	STATE <u>Ks.</u>	

OLD OR NEW (Circle one)

CONTRACTOR L.D.
 TYPE OF JOB Seepage
 HOLE SIZE 12 1/2" T.D. 288'
 CASING SIZE 8 3/8" 23" DEPTH 288'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____

OWNER Stone
 CEMENT

AMOUNT ORDERED 165 50/50 2 & 3

EQUIPMENT

PUMP TRUCK CEMENTER Mike **RELEASED**
 # 224 HELPER Bob
 BULK TRUCK DRIVER Bill 11 1991
 # 116
 BULK TRUCK DRIVER _____

COMMON _____ @ _____
 POZMIX **CONFIDENTIAL** @ _____
 GEL @ _____
 CHLORIDE @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 100 @ _____
 MILEAGE _____ @ _____
 JAN _____
 FROM CONFIDENTIAL **CONFIDENTIAL** TOTAL _____

REMARKS:
Ran 7 1/2 hrs @ 28' min - broke
Case with 1731 - cemented with 465SKS
50/50 2 & 3. Deep sand with 1731
from 420. Cement did circulate
Thank you
All of Cementing
Mike, Bob, Bill

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE @ _____
 MILEAGE @ _____
 PLUG TWP @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

CHARGE TO: L.D. Dailling
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Don M... ..