

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 R.R. 1 Box 183 B

City/State/Zip Great Bend, Kansas 67530

Purchaser: Genesis Crude Oil LP

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/Reentry: Old Well Info as follows **RELEASED**

Operator: _____

Well Name: _____ **SEP 16 1998**

Comp. Date _____ Old Total Depth _____

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

1-04-97 1-15-97 1-23-97
Spud Date Date Reached TD Completion Date

API NO. 15- 101-217340000

County LANE

SE NE NE Sec. 20 Twp. 19S Rge. 28 X E W

990 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

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

Lease Name TOBUREN Well # 1

Field Name Un-Named

Producing Formation Pleasanton

Elevation: Ground 2782 KB 2787

Total Depth 4694 PBTB _____

Amount of Surface Pipe Set and Cemented at 259 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2170 Feet

If Alternate II completion, cement circulated from 2170

feet depth to surface w/ 300 sx cmt.

Drilling Fluid Management Plan AH-2 7-24-98 UC
(Data must be collected from the Reserve Pt)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal hauled offsite

Operator Name _____ **MAY 9**

Lease Name _____ License No. _____

Quarter _____ Sec. _____ 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

Title President Date 5-7-97

Subscribed and sworn to before me this 7th day of May, 19 97.

Notary Public Bessie M. DeWerff
Bessie M. DeWerff
Date Commission Expires 5-20-97

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

NOTARY PUBLIC - State of Kansas
BESSIE M. DeWERFF
My Appt. Exp. 5-20-97

Operator Name L. D. Drilling, Inc. Lease Name TOBUREN Well # 1

Sec. 20 Twp. 19 Rge. 28 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 Datums	<input 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	SEE ATTACHMENT	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Runs: Dual Induction Laterolog Computer Analyzed Log Compensated Density Dual Spaced Neutron Log Cement Bond 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"	28#	259'	50/50 Poz	160	2% Gel, 3% CC
Production	7 7/8"	4 1/2"	10.5#	4692'	EA 2	150	5# Gilsonite 10# salt .75 Halad 2% CC 3/8# flo seal 322 per sk.
				(2nd stage)	Mid-Con II	300	

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				

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 spf Exp Jet	4380-4385	350 gal 15% NE	4380-4385

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
		2 3/8"	4691					
Date of First, Resumed Production, SWD or Inj.			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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	85				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: 4380-85

Other (Specify) _____

NOTARY PUBLIC - State of Kansas
 BESSIE M. DOWELL
 My Appl. Exp. _____
 CHAMBERLAIN & SUTER

DAILY DRILLING REPORT

OPERATOR: L. D. DRILLING, INC.

LEASE: TOBUREN #1

SE NE NE Sec. 20-T19S-R28
LANE COUNTY, KANSAS

WELLSITE GEOLOGIST: Kim Shoemaker

RELEASED

CONTRACTOR: L. D. Drilling, Inc.

SEP 16 1998

ELEVATION: 2782' GR 2787' KB

SPUD: 1-04-97

PTD: 4700'

SURFACE: 8 5/8" set @ 259' W/160 sx.
50/50 Poz, 2% Gel, 3% cc PD @ 11:15 P.M.
Did Circulate - Allied Cementing

FROM CONFIDENTIAL

15-101-21734

- 1-5 259' WOC Drilled plug @ 7:15 A.M.
- 1-6 1865' Drilling
- 1-7 2715' Drilling
- 1-8 3250' Drilling
- 1-9 3715' Drilling
- 1-10 4155' Drilling
- 1-11 4272' DST #1
- 1-12 4390' DST #2
- 1-13 4494' Drilling
- 1-14 4662' Coming out W/DST #4
4694' RTD - Will log and run 4 1/2" production csg. today.
- 1-15 Ran 111 Jts. New 10.5# 4 1/2" csg.
Set @ 4692' 1st stage 150 sx. EA2, 5# Gil. 10# salt .75% Halad 322 PD 4:15 AM
2nd stage 300 sx. Mid Con two cement W/2% cc, 3/8# flo seal per sk
PD 5:30 A.M. Circ to Surface
DV Tool at 2170'

DST #1 4262-4272 1800' Zone
Times: 30-45-45-60
Blow: 1st open: 4 1/2"
2nd open: 3 1/4"
Recovery 2' Oil, 90' sw
IFP: 45-22 FFP: 67-45
ISIP: 831 FSIP: 823

RECEIVED
KANSAS CORP COMM
MAY 12 P 1:20

DST #2 4290-4310 200' zone
Times: 30-45-45-60
Blow: 1st open: bb in 1 min.
2nd open: blt to 11" dec. to 6 1/2"
IFP: 387-658 FFP: 695-712
ISIP: 712 FSIP: 712

DST #3 4344-4396 Pleasanton & 220 Zone
Times: 30-45-45-60
Blow: 1st open: bb in 3 min
2ns open: bb in 4 min.
Recovery: 1800' GIP, 900' CLEAN OIL 41°G
IFP: 83-178 FFP: 233-345
ISIP: 702 FSIP: 702

SAMPLE TOPS:

Anhy. top 2129 (+658) -2' to #1
base 2155 (+632)

Heebner 2074 (+1185) 171'

KCC

MAY 9

CONFIDENTIAL



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO: L.O. Drilling
 ADDRESS: RR #1 Box 1238
 CITY, STATE, ZIP CODE: Great Bend, Ks. 67503

CUSTOMER COPY

No.

TICKET

104219 - 5

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Hays Ks 025525</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Taburca</u>	COUNTY/PARISH <u>Lane</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>1-14-97</u>	OWNER <u>Same</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Co Tools</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>well site</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO. <u>15-101-217340006</u>	WELL LOCATION <u>20-19-28</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>34/35</u>					

RELEASED SEP 16 1998
 FROM CONFIDENTIAL

CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE <u>on 51797</u> RT	180				2.99	538.20
007-013	001-016	1	ORIGINAL		Pump Chg - 1 st Stage	4693				1920.00	1820.00
007-161		1	ORIGINAL		Pump Chg - 2 nd Stage	1				1550.00	1550.00
344-162 018-303			ORIGINAL		Clarix II	2				28.00	56.00
5A	837.00300	1	ORIGINAL		Float Shoe SS II	1		4 1/2 in		200.00	200.00
4D	806.60004	1	ORIGINAL		Centralizers - 5-4	6		4 1/2 in		50.00	300.00
71	813.56125	1			Multiple Stage Contr. P. 255	1		4 1/2 in		2787.00	2787.00
320	800.5881	1			Cement Basket	2		4 1/2 in		105.00	210.00
75	813.16410	1			Plug Set - Free Fall	1		4 1/2 in		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

Doran J. Margheim
 DATE SIGNED: 1-14-97 TIME SIGNED: 2:00 A.M. P.M.

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>7911.20</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 <u>18335.70</u>
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) <u>DORAN J. MARGHEIM</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Doran J. Margheim</u>	HALLIBURTON OPERATOR/ENGINEER <u>John E. Beck</u>	EMP # <u>43222</u>	HALLIBURTON APPROVAL
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TERMS AND CONDITIONS

(1295)

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. 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 the 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.

C. **RELEASE AND INDEMNITY** - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless such loss is caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, this agreement will constitute Customer's written agreement under 10 CFR Sec. 39.15 (a) that Customer shall be responsible for meeting all requirements of 10 CFR Sec. 39.15 and any other applicable laws or regulations concerning retrieval, monitoring, decontamination and abandonment, and Customer shall permit Halliburton to observe the recovery or abandonment efforts, all without risk or expense to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.



TRK 3859-7613----52418

TICKET CONTINUATION CUSTOMER COPY

TICKET No. 107019

HALLIBURTON ENERGY SERVICES

CUSTOMER L.D. Daba	WELL	DATE 1-14-97	PAGE 2	OF 2
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FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-308		1			Standard Cement	150				10 83	1,624 50
504-280		1			MidCon II	315				13 53	4,261 95
509-406		1			CaLcium Chloride	3				40 75	122 25
509-968		1			Salt	630	1b			15	97 50
508-127		1			Cal Seal	7				25 90	181 30
508-2891		1			Gilsonite	750	1b			40	300 00
507-210		1			Flocele	118	1b			1 65	194 70
507-775		1			Halad-322	105	1b			7 00	735 00
CONFIDENTIAL											
RELEASED SEP 16 1998 FROM CONFIDENTIAL											
500-207		1			SERVICE CHARGE	CUBIC FEET 513				1 35	692 55
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT 46,873	LOADED MILES 90	TON MILES 2,109.285		1 05	2,214 75

No. B 339173

CONTINUATION TOTAL	10,424.50
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JOB SUMMARY

HALLIBURTON DIVISION *Mid Continent*
HALLIBURTON LOCATION *Hays Ks*

BILLED ON TICKET NO. *10/219*

WELL DATA

FIELD _____ SEC. *20* TWP. *19* RING. *20* 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 _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE *DV* SET AT *2170'*
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>N</i>	<i>10</i>	<i>4 1/2</i>	<i>KD</i>	<i>4693'</i>	
LINER						
TUBING						
OPEN HOLE			<i>9 1/2"</i>	<i>4693'</i>	<i>4694'</i>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>1-11-77</i>	DATE <i>1-17-77</i>	DATE	DATE
TIME <i>15:30</i>	TIME <i>20:00</i>	TIME	TIME

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <i>55-3 7 Filling</i>	<i>1</i>	<i>Houston</i>
GUIDE SHOE		
CENTRALIZERS <i>5-4</i>	<i>6</i>	<i>"</i>
BOTTOM PLUG <i>5cc</i>		
TOP PLUG <i>DV F.S.P</i>	<i>1</i>	<i>"</i>
HEAD <i>KD</i>		
PACKER		
OTHER <i>Cut Backer</i>	<i>2</i>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>J Becker</i>	<i>PLU 40091</i>	<i>Hays Ks</i>
<i>T Hening</i>	<i>Comb 51797</i>	<i>" "</i>
<i>D Ash</i>	<i>BT 52418</i>	<i>" "</i>
<i>T P. ...</i>	<i>BT 3059 7613</i>	<i>" "</i>

MATERIALS

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

CONFIDENTIAL

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

DEPARTMENT *Cement*
DESCRIPTION OF JOB *Put Prod to 2 stage*
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE *X [Signature]*
HALLIBURTON OPERATOR *[Signature]* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<i>1</i>	<i>150</i>	<i>EA-2</i>		<i>B</i>	<i>5% Cal Seal, 5% Cellulose, 10% Silica, 25% H. G.</i>	<i>1.41</i>	<i>15.02</i>
<i>2</i>	<i>315</i>	<i>M.D. Co-2</i>		<i>B</i>	<i>2% CC + 1/2" Flocc</i>	<i>3.23</i>	<i>11.1</i>

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. *77.4 (31)*
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. *32.2 - 181.2 (105)*
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

REMARKS

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET *15* REASON *Shut in*
See Job Log Chart
[Signatures]

FIELD OFFICE

CUSTOMER # *78*
LEASE *7*
WELL NO. *#1*
JOB TYPE *Cement*
DATE *1-17-77*

JOB LOG HAL-2013-C

CUSTOMER L O Drilling	WELL NO. #1	LEASE Tubular	JOB TYPE Cont Prod Co. - 2-2-99	TICKET NO. 104219
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	15:30							Called Out
	20:00							On Loc - Rig Laying Down D.P. Spot & Set up Equip - Discuss Job Safety Meeting
	01:00							Start 4 1/2" x 10 5/8" Casing - 4 1/2" 7 1cc Floet Stop 2cc Control Lines 2-5-9-12-50 2cc Cont Basket 10 x 59 1cc DV - 10 order 1 2170'
	02:05							Casing Hole - Set @ 4693'
	05:15							Hook up P.L. - Mani-Sell Break Circ #1/Rig Pump Hook up to PT
	02:42					100		Start Pump Floet - 20 BBL Mixture Water
	03:51					150		Floet in - Start Pump Cement 150cc EA-2 - 5" C/Sec, 10" S.H. 5" G/Sec, 3/4" H-322
	04:13					175		Finish Mix Cement Release Plug + Wash out Pump Line
	04:15					0		Start Diapl - (35 Sweater 2 1/2" Annul)
	04:28					200		Finish Diapl KUL
	04:29					1500		Plug Landed MAY 9
	04:30					0		Release Press - Floet Hold CONFIDENTIAL
	04:30							Diapl Free Fall Plug
	04:55					1150		Rigged DV + Pump 20 BBL Annul
	05:05					200		Start Mix Cement 300cc Mid for 2 1/2" Annul 2 1/2" Floet
	05:38					200		Finish Mix Cement Release Plug
	05:39					0		Start Diapl
	05:47					600		Finish Diapl - Cont Old Circ - 100cc
	05:47					1150		DV Closed
	05:48					0		Release Press - OK Wash up + Rack up - Plug Ret Hold 7/150cc
								Thank you John (Pac) Jim + Gene

ORIGINAL

CONFIDENTIAL

RELEASED

SEP 18 1998

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC. - 4554

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

SERVICE POINT: Neosho City

DATE <u>01-04-99</u>	SEC <u>20</u>	TWP. <u>17</u>	RANGE <u>28</u>	CALLED OUT <u>6:20 PM</u>	ON LOCATION <u>9:45 AM</u>	JOB START <u>10:30 AM</u>	JOB FINISH <u>11:12 AM</u>
LEASE <u>TUBED</u>	WELL # <u>1</u>	LOCATION <u>Drs # 111 657 E. 11th St (111)</u>			COUNTY <u>LAKE</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one) NEW

CONTRACTOR Co Tools

TYPE OF JOB SURFACE JOB

HOLE SIZE 12 1/4" T.D. 259'

CASING SIZE 8 5/8" DEPTH 259'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

OWNER L.D. DAVIS ORIGINAL CEMENT

AMOUNT ORDERED 160 lb 50/50 PZ 30% C. 20% G.

COMMON _____

POZMIX _____

GEL _____

CHLORIDE _____

RELEASED
SEP 16 1998

CONFIDENTIAL FROM CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER BUD

224 HELPER JA

BULK TRUCK

116 DRIVER BUPP

BULK TRUCK

_____ DRIVER _____

HANDLING _____

MILEAGE _____

NOV

TOTAL _____

MAY 9

CONFIDENTIAL SERVICE

REMARKS:

GRAVITATED 2 1/8" CSG W/ R6 TUBING
MIXED 160 lb 50/50 PZ 30% C
20% GEL DISPLACED PLUG IN
15 1/4 BIS TO 239'

CEMENT GRAVITATED ✓

DEPTH OF JOB 259'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

PLUG @ _____

TOTAL _____

CHARGE TO: L.D. DAVIS

STREET RR #1 Box 183 B

CITY GREAT BEND STATE KS ZIP 67530

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.

SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.