

ORIGINAL

SIDE ONE

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, Ks. 67530

Purchaser: Clear Creek, Inc.

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  Temp. Abd.

Gas  Inj  Delayed Completion

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

4-28-90 5-03-90 5-08-90

Spud Date Date Reached TD Completion Date

API NO. 15- 185-22,674-0000

County STAFFORD

NE NW SW Sec. 9 Twp. 23S Rge. 14 East West

2310' Ft. North from Southeast Corner of Section

4290' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

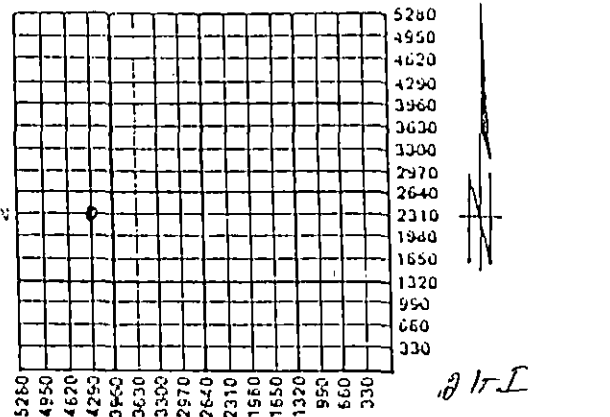
Lease Name BEAVER Well # 6

Field Name Crissman

Producing Formation Simpson

Elevation: Ground 1951' KB 1956'

Total Depth 4050' PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 452' Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmc.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 L. D. Davis President Date 8-9-90

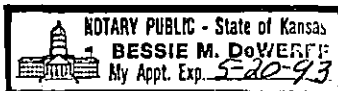
Subscribed and sworn to before me this 9th day of August, 1990.

Notary Public Bessie M. DeWerff

Bessie M. DeWerff

Date Commission Expires 5-20-90

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)



SIDE TWO

Operator Name L. D. Drilling, Inc. Lease Name BEAVER Well # 6  
 Sec. 9 Twp. 23S Rge. 14  East County Stafford  
 West

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  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

NO DRILL STEM TESTS

Formation Description		
Name	Top	Bottom
Anhy	869	890
Heebner	3395	(-1439)
Toronto	3426	(-1460)
Douglas	3435	(-1479)
Brn. Lime	3528	(-1572)
L K/C	3543	(-1587)
B K/C	3791	(-1835)
Viola	3909	(-1953)
Sim. Shale	3955	(-1999)
Sim. Sand	3966	(-2010)
Arbuckle	4014	(-2058)

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"	25# & 32#	452'	Hal-Lite	150	2% Gel, 3% CC
Production	7 7/8"	4 1/2"	10.5#	4049'	60/40 Poz 40/60 Poz	50 150	2% GEL, 18% Salt .75% Halad, 5# Gilsonite

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
4 spf	3979-84	500 gal. 15% Frac W/20,000# sand

TUBING RECORD Size 2 3/8" Set At 4047' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production May 9, 1990 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_  
 Estimated Production Per 24 Hours Oil 16 Bbls. Gas 7 Mcf Water 7 Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACD-18.) METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Coningled  Other (Specify) \_\_\_\_\_ Production Interval \_\_\_\_\_

HALLIBURTON SERVICES

Duncan, Oklahoma 73030

A Division of Halliburton Company

TICKET

NO. 947329-9

ORIGINAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <b>6 Beaver</b>		COUNTY <b>Stafford</b>	STATE <b>KS</b>	CITY / OFFSHORE LOCATION	DATE <b>4-28-90</b>
CHARGE TO <b>L. D. Delg. Inc</b>		OWNER <b>Same</b>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS <b>RR 1 Box 183-B</b>		CONTRACTOR <b>Co. Tools</b>	LOCATION <b>1 Gt Bend</b>		CODE <b>50370</b>
CITY, STATE, ZIP <b>Great Bend KS 67530</b>		SHIPPED VIA <b>Howco</b>	FREIGHT CHARGES PPD <input type="checkbox"/> COLLECT <input type="checkbox"/>		LOCATION <b>2</b>
WELL TYPE <b>01</b>	WELL CATEGORY <b>01</b>	WELL PERMIT NO.	DELIVERED TO <b>Loc.</b>	LOCATION <b>3</b>	CODE
TYPE AND PURPOSE OF JOB <b>010</b>		ORDER NO. <b>B-888471</b>	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished. Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE	15	mi			220	33	00
001-016		1		Pump Charge	452	Ft			455 <sup>80</sup>	455	00
030-503		1		Wooden Plug	1	cg	8	5/8	59 <sup>00</sup>	59	00

THIS IS NOT AN INVOICE

RECEIVED  
AUG 2 1990  
CORP. REVENUE DIVISION  
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-888471** 1474 76

WAS JOB SATISFACTORILY COMPLETED? WAS OPERATION OF EQUIPMENT SATISFACTORY? WAS PERFORMANCE OF PERSONNEL SATISFACTORY? X <i>[Signature]</i> CUSTOMER OR HIS AGENT (PLEASE PRINT) X <i>[Signature]</i> CUSTOMER OR HIS AGENT (SIGNATURE)	WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT. <i>[Signature]</i> HALLIBURTON OPERATOR HALLIBURTON APPROVAL CUSTOMER	SUB TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE.
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DISTRICT Great Bend

DATE 4.28.90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: L. D. Drlg, Inc (CUSTOMER)  
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 6 LEASE Beaver SEC. 9 TWP. 23 RANGE 14

FIELD \_\_\_\_\_ COUNTY Stafford STATE K.S. OWNED BY Si. nif

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD: OIL BPD, H <sub>2</sub> O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H <sub>2</sub> O BPD, GAS MCF							
CASING		4	32 + 2.5	5 7/8	KB	452	
LINER							
TUBING							
OPEN HOLE				12 1/4	452	453	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_  
Set 452' 8 7/8 casing - Conf w/ 150 SKS H.L. 390 CC + 50 SK 40 Japaz 60 to Stafford  
2% Gel 390 CC

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees that THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law:

- Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
- Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
- Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That 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 products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton performed well 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 against any damages arising from the use of such information.

d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's 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 or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

e) That Customer shall, at his risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the cost of replacement or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.

g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 4.25.90

TIME 2:30 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

FIELD \_\_\_\_\_ SEC 7 TWP 23 RNG 14 COUNTY CLAYTON 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 \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	✓	1225	8 1/2	KR	452	
LINER						
TUBING						
OPEN HOLE			12 1/4	452	453	SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-23-70</u>	DATE <u>4-23-70</u>	DATE <u>4-23-70</u>	DATE <u>4-23-70</u>
TIME <u>1545</u>	TIME <u>1730</u>	TIME <u>1330</u>	TIME <u>1100</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>1</u>	<u>1</u>	<u>1/2" x 1 1/2"</u>
HEAD <u>1</u>	<u>1</u>	<u>1/2" x 1 1/2"</u>
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO & TYPE	LOCATION
<u>D. Scott</u>	<u>75</u>	
<u>E. G. ...</u>	<u>7414 P</u>	<u>Clayton</u>
<u>P. ...</u>	<u>2010</u>	<u>"</u>

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN

HE AGENT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

FRC. RED. AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Clayton

DESCRIPTION OF JOB Workover

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR A. K. ... COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT/SK	MIXED LBS/GAL
	<u>150</u>	<u>11-light</u>		<u>R</u>	<u>3% C C</u>	<u>154</u>	<u>136</u>
	<u>50</u>	<u>40-60</u>	<u>Pul</u>	<u>B</u>	<u>3% C C</u>	<u>131</u>	<u>1430</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESFLUSH BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD BBL-GAL \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT BBL-GAL \_\_\_\_\_ DISPL. BBL-GAL 21.9

SHUT-IN INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY BBL-GAL 41.14 + 11.3 = 52.44

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ TOTAL VOLUME BBL-GAL \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_ REMARKS \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEEL 15 REASON Regeneration

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (ECL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1545							Called Out
	1730							On Loc.
								Break Circ.
	2239	7	52.7				250	Mix Cmt
	2246						-0-	Finish Mixing Close In
	2247						-0-	Release Plug
	2248	7					100	Start Disp
	2254	0	26.9				250	Plug Down
	2255						175	Close In
								Circ. 5 sks In Pit
								Good Cmt In Cellar
								Job Complete
								Thank you
								D. Scott B9475
								S. Guesnier 79501
								B. Folk D5055



DISTRICT Great Bend, Ks.

DATE 5-3-90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: L. D. Dohy, Inc. (CUSTOMER)  
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. # 6 LEASE Beaver SEC. 9 TWP. 235 RANGE 14W

FIELD \_\_\_\_\_ COUNTY Stafford STATE Ks. OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD: OIL _____ BPD, H <sub>2</sub> O _____ BPD, GAS _____ MCF							
PRESENT PROD: OIL _____ BPD, H <sub>2</sub> O _____ BPD, GAS _____ MCF							
CASING		<u>U</u>	<u>10.5</u>	<u>4 1/2</u>	<u>KB</u>	<u>4049</u>	
LINER							
TUBING							
OPEN HOLE				<u>7 7/8</u>	<u>4049</u>	<u>4050</u>	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED

Set 4 1/2" at 4049' w/ 75 sks (40-60) Permox 18% salt, 75% H<sub>2</sub>O 322  
75 sks (40-60) Permox 18% salt, 75% H<sub>2</sub>O 322, 5" gel

400' salt for 20 bbl 12 sks Super Flush K  
CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

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- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
  - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law:
    - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
    - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
    - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
- The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- That 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 products, supplies or materials, nor the results of any treatment 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 against any damages arising from the use of such information.
  - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's 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 or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for mining operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing well returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
  - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
  - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
  - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED L. D. Dohy CUSTOMER

DATE 5-3-90

TIME 1130 (A.M.) (P.M.)

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER





# JOB SUMMARY

DIVISION WICHITA  
 HALLIBURTON LOCATION Geost Bond Ks

BILLED ON TICKET NO. 947515

## ORIGINAL

WELL DATA  
 FIELD \_\_\_\_\_ SEC. 9 TWP. 235 RNG. 140 COUNTY St. Paul 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 \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>14</u>	<u>10.5</u>	<u>4 1/2</u>	<u>KB</u>	<u>4049</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 1/2</u>	<u>4049</u>	<u>4050</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

### JOB DATA

#### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Insert</u>	<u>1</u>	<u>Hercules</u>
GUIDE SHOE	<u>1</u>	<u>"</u>
CENTRALIZERS	<u>4</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>S.W</u>	<u>1</u>	<u>"</u>
HEAD <u>manifold</u>	<u>1</u>	<u>"</u>
PACKER		
OTHER <u>A.L. Fillup</u>	<u>1</u>	<u>"</u>

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-3</u>	DATE <u>5-3</u>	DATE <u>5-3</u>	DATE <u>5-3</u>
TIME <u>0730</u>	TIME <u>1100</u>	TIME <u>1440</u>	TIME <u>1545</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. H. Smith</u>	<u>REM</u>	
<u>R. C. Stanley</u>	<u>51936-P</u>	<u>50320</u>
<u>B. Folk</u>	<u>L608 0977</u>	<u>50320</u>

#### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %  
 SURFACTANT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN  
 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 \_\_\_\_\_ GAL-LB \_\_\_\_\_  
 PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
 OTHER \_\_\_\_\_

DEPARTMENT Cement  
 DESCRIPTION OF JOB Set 4 1/2 long string  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN   
 CUSTOMER REPRESENTATIVE X  
 HALLIBURTON OPERATOR Jeff Bennett COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS/GAL.
	<u>75</u>	<u>40-60</u>	<u>P. 2 mix</u>	<u>B</u>	<u>18% salt, 75% H. 101 302</u>	<u>1.33</u>	<u>14.67</u>
	<u>75</u>	<u>40-60</u>	<u>P. 1 mix</u>	<u>B</u>	<u>18% salt, 75% H. 101 302, 5% sp. 1</u>	<u>1.44</u>	<u>14.26</u>

#### 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 \_\_\_\_\_  
 FEET 12 REASON Insert

### SUMMARY

### VOLUMES

PRESLUSH (BBL-GAL) 20-12 TYPE 5.11, Super 100  
 LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_  
 TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL 69.3  
 CEMENT SLURRY: (BBL-GAL) 17.84 19.2 = 37  
 TOTAL VOLUME: BBL-GAL \_\_\_\_\_

### REMARKS

Total Pipe 4050.5x

CUSTOMER: 1 D 2-1/2  
 LEASE: 1-1-1  
 WELL NO.: 57  
 JOB TYPE: 1 1/2 Long String  
 DATE: 5-3-70



TICKET ORIGINAL No. 947515-8

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME #6 Beaver		COUNTY Stafford	STATE Ks.	CITY / OFFSHORE LOCATION	DATE 5-3-90
CHARGE TO L D Drly Inc.		OWNER Same		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR Co Tools		1 LOCATION Great Bend, Ks	CODE 50320
CITY, STATE, ZIP		SHIPPED VIA Co Trk	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	2 LOCATION	CODE
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO Location	3 LOCATION	CODE
TYPE AND PURPOSE OF JOB 035		ORDER NO. B- 888487		REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished. Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE	26	mi			2.20	57	20
001-016		1		Pump Charge	8	hr	4049	FT	1056.	1056	00
030-018		1		Plug	1	co	4 1/2		45.00	45	00
12A	825.201	1		Guide Shoe	1	co	4 1/2		83.00	83	00
24A	815.19101	1		Insert Float	1	ca	4 1/2		73.00	73	00
27	815.19111	1		Auto Fillup	1	co			27.50	27	50
40	807.93004	1		Centralizers	4	co	4 1/2		41.00	164	00
018-317		1		Super Flush K	12	skt	500	gal	71.00	888	00

THIS IS NOT AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B- 888487 1841 28

WAS JOB SATISFACTORILY COMPLETED?  
 WAS OPERATION OF EQUIPMENT SATISFACTORY?  
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?  
 L D DAVIS  
 CUSTOMER OR HIS AGENT (PLEASE PRINT)  
 L D DAVIS  
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

Jerry Bennett  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

①  
SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**JOB LOG**

WELL NO. 6 LEASE Beaver TICKET NO. 947515

CUSTOMER L D Drly, Inc PAGE NO. 1

JOB TYPE 4 1/2 Long String DATE 5-3-90

FORM 2013 R-2

**ORIGINAL**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							Called out
	1030							On location
								Break circulation
	1444	6	20		✓		284	Run Salt Flush
	1447	6.2	12		✓		270	Run Super Flush - K-
	1450	6.5	0		✓		350	Start mixing cement
	1455	6	37		✓		250	Finish mixing cement
	1457	-	-				-	Clear lines - Release Plug
	1459	1	1		✓		175	Start displacement
	1507	8.2	64		✓		1100 NO	Plug down at 4037' By Wireline
	1509						OK	Release - Fleet Hold
	1530							Wash + Rack up
	1545							Job complete
								Thank You
								51936-P
								51870 Jerry Kennell
								05500 Kevin Cordley
								05055 Bob Folk

# HALLIBURTON DATA LOG

COMPUPAC Ver. 1.53 5/03/90

# ORIGINAL

THIS REPORT IS BASED ON SOUND ENGINEERING PRACTICES, BUT BECAUSE OF VARIABLE WELL CONDITIONS AND OTHER INFORMATION WHICH MUST BE RELIED UPON, HALLIBURTON MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE DATA OR ANY CALCULATIONS OR OPINIONS EXPRESSED HEREIN. YOU AGREE THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE, ARISING OUT OF OR IN CONNECTION WITH SUCH DATA, CALCULATIONS OR OPINIONS.

Customer: <u>L D Drlg. Inc.</u>	Ticket Number: <u>947515</u>
Contractor: <u>Company Tools</u>	Permit Number: _____
Lease: <u>Beaver</u>	Well #: <u>#6</u>
Location: <u>Radium 6 South 1 East 1/2 south</u>	Sec.: <u>9</u>
Field: _____	Twn.: <u>22S</u>
Country: <u>U.S.A.</u>	Rng.: <u>14W</u>
County: <u>Stafford</u>	State: <u>Kansas</u>
Job Type: <u>4 1/2 Longstring</u>	

## WELL DESCRIPTION

HOLE DEPTH	TYPE	SIZE	WEIGHT
<u>KB - 4049</u>	<u>Casing</u>	<u>4 1/2</u>	<u>10.5</u>
<u>4049 - 4050</u>	<u>Open Hole</u>	<u>7 7/8</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PERF DEPTH	NUMBER	SIZE	FORMATION
_____	_____	_____	_____
_____	_____	_____	_____

Open Hole I.D.: <u>7 7/8</u>	Total Depth: <u>4050</u>
Zone #: _____	Formation: _____
Packer Depth: _____	Packer Type: _____
Baffle/MSD Depth: <u>4037</u>	Baffle Size: <u>4 1/2</u>
BHST: _____	Frac Gradient: _____

## CEMENTING DATA

FLUID TYPE	COMPOSITION	DENSITY	VOLUME
<u>75 Sacks</u>	<u>(40-60) Pozmix 2% Gel, 18% Salt</u>	<u>14.67</u>	<u>17.8 BBL.</u>
_____	<u>0.75% Halad 322</u>	_____	_____
<u>75 Sacks</u>	<u>(40-60) Pozmix 2% Gel, 18% Salt</u>	<u>14.26</u>	<u>19.2 BBL.</u>
_____	<u>0.75% Halad 322, 5# Gilsonite</u>	_____	_____
_____	<u>400# Salt for 20 bbl. saltflush</u>	_____	_____
_____	<u>500 gallons Super Flush K</u>	_____	_____

N2 VOLUME: _____	N2 RATIO: _____
PLASTIC VISC: _____	YIELD POINT: _____
CIRC TIME: _____	GEL STRENGTH: _____

Comments: \_\_\_\_\_

\_\_\_\_\_

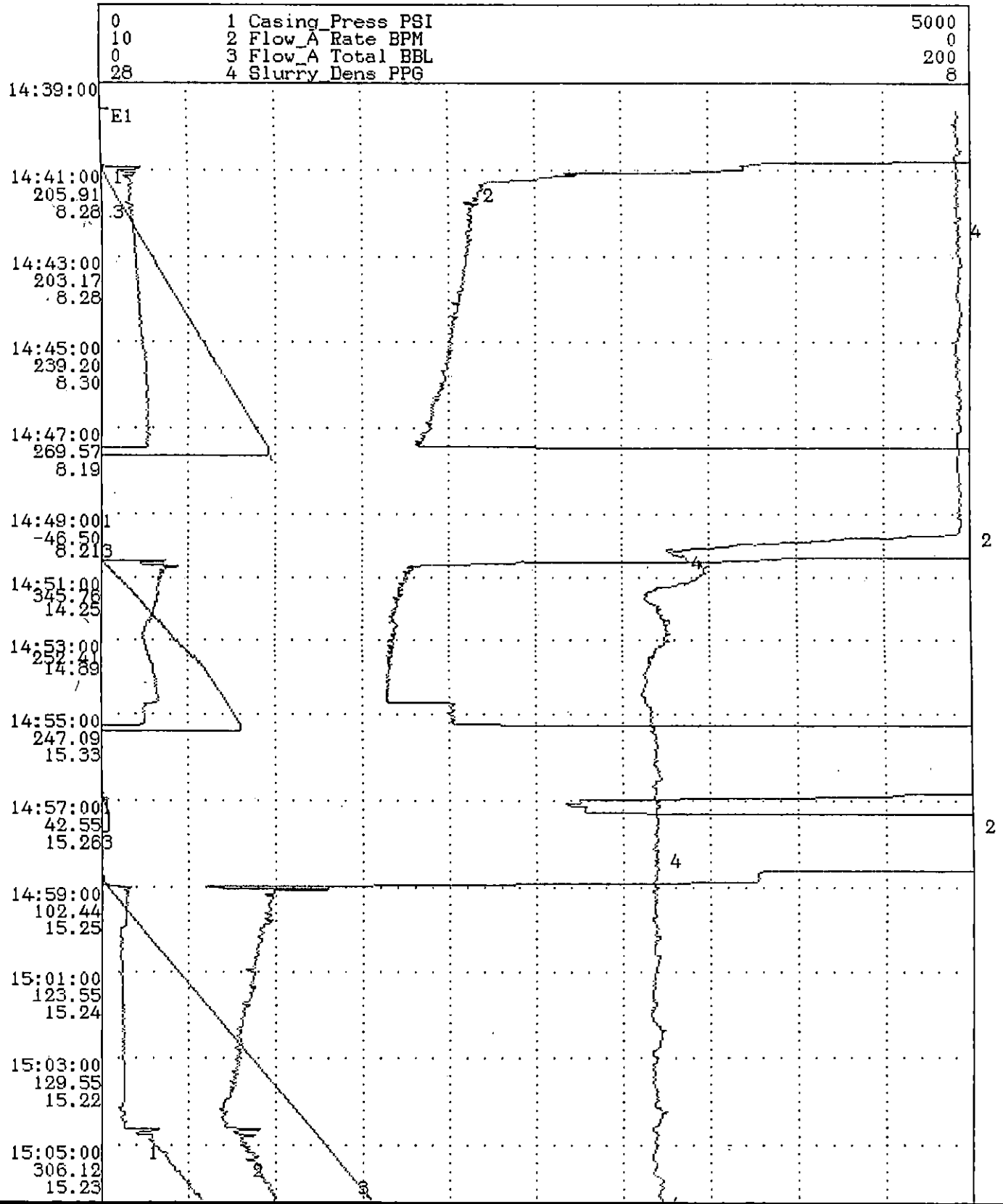
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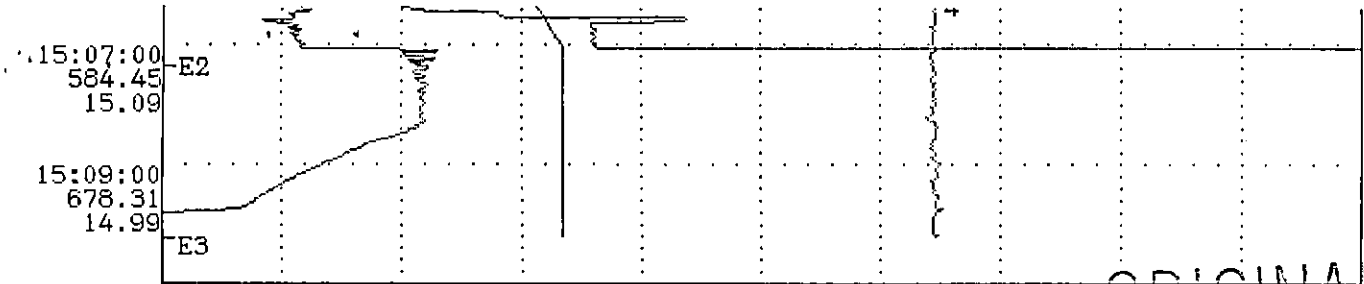
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# ORIGINAL

## Legend for Side

- 1. Time
- 2. Casing\_Press      PSI
- 3. Slurry\_Dens      PPG
- 4. None
- 5. None





ORIGINAL

STAGE/EVENT SUMMARY

Customer: L D Drlg. Inc.  
Job Type: 4 1/2 Longstring

Date: 5/03/90  
Ticket #: 947515

\*\*\*\*\* 14:39:34 Start Job \*\*\*\*\*

15:07:21 Event #2 Bump Plug

STAGE SUMMARY

Casing_Press	=	-47.53 PSI	Slurry_Dens	=	15.05 PPG	Slurry Total	=	0.00 BBL
Slurry Rate	=	0.00 BPM						

\*\*\*\*\* 15:10:13 End Job \*\*\*\*\*