

ORIGINAL SIDE ONE

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

API NO. 15- 171-20,432 0000

County Scott

C SE NW Sec. 29 Twp. 19S Rge. 33 X East West

3300' FSL Ft. North from Southeast Corner of Section

3300' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Zink Well # #1-29

Field Name unknown

Producing Formation Miss.

Elevation: Ground 2989' KB 2994'

Total Depth 4840' PBTD

Operator: License # 5210

Name: Lebsack Oil Production, Inc.

Address P.O. Box 489

City/State/Zip Hays, KS 67601

Purchaser: \_\_\_\_\_

Operator Contact Person: Rex Curtis

Phone (913) 625-3046

Contractor: Name: Abercrombie RTD, Inc.

License: 30684 STATE CORPORATION COMMISSION

Wellsite Geologist: Wayne Lebsack

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: N/A

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

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

Drilling Method:

Mud Rotary  Air Rotary  Cable

7-17-91 7-26-91

Spud Date Date Reached TD Completion Date

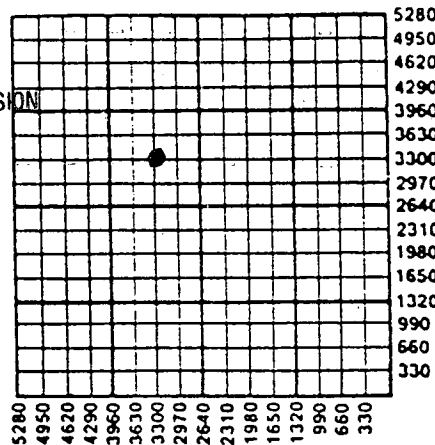
Amount of Surface Pipe Set and Cemented at 312.97 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 313

feet depth to surface w/ 210 sx cmt.



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STATE CORPORATION COMMISSION  
Wichita, Kansas

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.

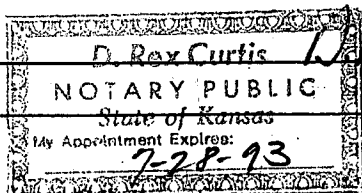
Signature [Signature]

Title V.P. Date 9/13/91

Subscribed and sworn to before me this 13 day of September, 19 91.

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_



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

SIDE TWO

Operator Name Lebsack Oil Production, Inc. Lease Name Zink Well # 1-29  
 Sec. 29 Twp. 19S Rge. 33  East County Scott  
 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.)

DST NO. 1 4685-4732 - 30-45-15-60  
 Weak blow - Recovery 10' OSM  
 I CIP - 57; FCIP-36; FP 30/21; 15/25  
 DST NO. 2 4750-4760 - 30-45-45-60-  
 Weak blow - Recovery 40' mud  
 ICIP - 1163; FCIP-1148; FP 31/36; 46/46

Name	Formation Description	
	Top	Bottom
Anhydrite	2240'	
Herrington	2657'	
Topeka	3474'	
Heebner	3880'	
Lansing	3927'	
Base KC	4367'	
Marmaton	4385'	
Morrow	4673'	
Morrow Sand	4682'	
Mississippi	4722'	
St. Louis	4746'	

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 1/2"	8 5/8"	28#	312.97'	60-40 posmix	210	3% cc 2% gel
Production		4-1/2"	10.5#	4838	TALX	180	5% KCL

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2/HF	4794-80; 4752-58; 4475-83;	250 MGA; 1000 28%; 500 15% acid
		Well plugged 8-28-91

TUBING RECORD Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		

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

Production Interval \_\_\_\_\_

DISTRICT L. Beck, KS. DATE 7-26-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Lebsack Oil & Gas (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-27 LEASE Zick SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

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

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH 4840 MUD WEIGHT \_\_\_\_\_  
BORE HOLE 7 7/8  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>10.5</u>	<u>4 1/2</u>	<u>K.B.</u>	<u>4843</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>8 5/8</u>	<u>TO</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_  
Cement 4 1/2 L.S. w/ 180 SKS THICKET - 570 KSI

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: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- 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 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.
  - 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 W. C. Casey CUSTOMER  
DATE 7-26-91

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.

TIME 12:30 A.M. (P.M.)

CUSTOMER

**BULK MATERIALS DELIVERY AND TICKET CONTINUATION**

FOR INVOICE AND TICKET NO. 142113

DATE <b>7-26-91</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>Zink 1-29</b>	COUNTY <b>Scott</b>	STATE <b>KS</b>
CHARGE TO <b>Leback Oil &amp; Gas</b>		OWNER <b>Same</b>	CONTRACTOR <b>Abercrombie #5</b>	No. <b>B968176</b>
MAILING ADDRESS		DELIVERED FROM <b>Hugoton</b>	LOCATION CODE <b>25535</b>	PREPARED BY <b>Rick Rawlins</b>
CITY & STATE		DELIVERED TO <b>Loc. SW/Shallowater, KS</b>	TRUCK NO. <b>1544-6610</b>	RECEIVED BY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT			
		L	D		QTY.	MEAS.	QTY.	MEAS.					
504-043	516.00272	2	B	Premium Cement	180	sk			6.85	1233	00		
508-002	70.15302	2	B	Potassium Chloride blended 57%	500	lb			1/25	125	00		
508-101	70.15347	2	B	Thixset A blended 1%	169	lb			5.35	904	15		
508-103	516.00541	2	B	Thixset B blended 1/2%	42	lb			8.15	342	30		
					TOTAL WEIGHT		LOADED MILES		TON MILES				
					SERVICE CHARGE ON MATERIALS RETURNED		CU. FEET						
500-207		2	B	SERVICE CHARGE					180	1.15	207 00		
500-306		2	B	Mileage Charge	TOTAL WEIGHT	17631	LOADED MILES	90	TON MILES	793.395	634 72		
No. <b>B968176</b>										CARRY FORWARD TO INVOICE		SUB-TOTAL	

THIS IS NOT AN INVOICE

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 STATE CORPORATION COMMISSION  
 SEP 16 1991  
 DIVISION  
 Wichita, Kansas

**HALLIBURTON SERVICES**

Duncan, Oklahoma 72528

A Division of Halliburton Company

TICKET NO. 142113-4

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>1-29 2.00K</i>		COUNTY <i>SCOTT</i>	STATE <i>KS</i>	CITY / OFFSHORE LOCATION	DATE <i>7-26-91</i>
CHARGE TO <i>LUBSINK OIL &amp; GAS</i>		OWNER <i>Lubsink O+G</i>		TICKET TYPE (CHECK ONE) SERVICE <input type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS		CONTRACTOR <i>ADAMS &amp; SONS</i>		1 LOCATION <i>Liberal, Mo.</i>	CODE <i>25570</i>
CITY, STATE, ZIP		SHIPPED VIA <i>Howco</i>		FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	2 LOCATION <i>Hogerton, Mo.</i>
WELL TYPE <i>01</i>	WELL CATEGORY <i>01</i>	WELL PERMIT NO.	DELIVERED TO <i>LOC</i>	3 LOCATION	CODE
TYPE AND PURPOSE OF JOB <i>035 4 1/2</i>		ORDER NO. <b>B-968176</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 75496	100	mi	1	EA	2.60	260	00
001-016		1		Pumping Charge	4843	ft	8	MS	17.50	1365	00
030-011		1		SW Top Plug	1	EA	4 1/2	in	80.00	80	00
12A	825.201	1		Reg Cont. Gundershoe	1	EA	4 1/2	in	27.00	87	00
21A	815.19101	1		Insert Float Valve	1	EA	4 1/2	in	73.00	73	00
27	815.17111	1		Fillup Assembly	1	EA	4 1/2	in	27.50	27	50
70	807.73004	1		5-4 Centralizers	5	EA	4 1/2	in	43.00	215	00

NOT THIS IS AN INVOICE

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AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-968176**

WAS JOB SATISFACTORILY COMPLETED? *4/5*

WAS OPERATION OF EQUIPMENT SATISFACTORY? *4/5*

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? *4/5*

X *W.C. Craig*  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X *W.C. Craig*  
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.

*Carl P. ...*  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE

WELL DATA

FIELD \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ COUNTY Scott STATE MS.

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 11810

	NEW-USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>10.5</u>	<u>4 1/2</u>	<u>K.B.</u>	<u>4843</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>8 1/2</u>	<u>TD</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
<u>7-26-91</u>	<u>7-26-91</u>	<u>7-26-91</u>	<u>7-28-91</u>
TIME <u>11:30</u>	TIME <u>18:00</u>	TIME <u>21:00</u>	TIME <u>01:18</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Tosart w/ FN 4 1/2</u>	<u>1</u>	<u>H</u>
GUIDE SHOE <u>Peg Cat 1 1/2</u>	<u>1</u>	<u>O</u>
CENTRALIZERS <u>S-1 1 1/2</u>	<u>5</u>	<u>W</u>
BOTTOM PLUG		
TOP PLUG <u>SW 4 1/2</u>	<u>1</u>	<u>O</u>
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>C. Davis</u>	<u>71322</u>	<u>37458</u>
	<u>PKUP</u>	<u>L. Beard, MS.</u>
<u>T. Royer</u>	<u>48120</u>	<u>75496</u>
	<u>RCM</u>	<u>" "</u>
<u>S. Tate</u>	<u>6610</u>	<u>Bulk</u>
		<u>Hugotony, MS.</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 \_\_\_\_\_

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 \_\_\_\_\_

OTHER \_\_\_\_\_

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DEPARTMENT Cement

DESCRIPTION OF JOB 4 1/2 I.S.

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X W.C. Craig

HALLIBURTON OPERATOR C. Parr COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>180</u>	<u>Thrisot</u>	<u>P</u>	<u>B</u>	<u>570 KCL</u>	<u>1.13</u>	<u>11.5</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_

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

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL 45.8 DISPL: BBL-GAL 76.7

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL-GAL \_\_\_\_\_

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

AVERAGE RATES IN BPM \_\_\_\_\_ REMARKS Floater Working Yes

TREATING 6 DISPL. 6 OVERALL 6

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

FEET 4X 15 REASON Insert Floater

CUSTOMER Robson O'Leary  
LEASE ZNK  
WELL NO. 1-29  
JOB TYPE 4 1/2 I.S.  
DATE 7-26-91

# JOB LOG

WELL NO. \_\_\_\_\_

CUSTOMER *Lobsack Oil & Gas*PAGE NO. *1*

FORM 2013 R-2

JOB TYPE *4 1/2 L.S.*DATE *7-26-91*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
<i>7/26/91</i>	<i>11:30</i>							<i>CALLED OUT - Ready, slow</i>
	<i>18:00</i>							<i>ON LOCATION - L.D.P.</i>
	<i>21:00</i>							<i>Hook-up Circulate</i>
<i>7/27/91</i>	<i>00:45</i>	<i>4</i>	<i>20.0</i>			<i>0/400</i>		<i>Hook-up Cement &amp; Pump KCL Spacer</i>
	<i>00:54</i>	<i>6</i>	<i>45.8</i>		<i>2</i>	<i>400/400</i>		<i>Mix &amp; Pump Cement</i>
	<i>01:03</i>	<i>0</i>			<i>0</i>	<i>350/0</i>		<i>Cement Mixed - Shut Down</i>
	<i>01:04</i>	<i>0</i>			<i>2</i>	<i>0</i>		<i>Wash Pumps &amp; Lines</i>
	<i>01:05</i>	<i>0</i>			<i>0</i>	<i>0</i>		<i>Drop Plug</i>
	<i>01:05</i>	<i>6</i>	<i>76.7</i>		<i>2</i>	<i>0/600</i>		<i>Start Displacement</i>
	<i>01:18</i>	<i>2</i>			<i>1</i>	<i>600/1000</i>		<i>Plug bonded</i>
	<i>01:18</i>	<i>0</i>			<i>0</i>	<i>1000/0</i>		<i>Released Back - Float Holding - YES</i>
								<i>Thanks C. Davis &amp; Crew</i>

CUSTOMER