

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

CONFIDENTIAL

API NO. 15- 199-20,210-00-00

County Wallace

ORIGINAL

Ap. C. N/2 N/2 NW/4 Sec. 32 Twp. 15S Rge. 41 X W

Operator: License # 05152

Name: LEE BANKS D/B/A BANKS OIL COMPANY

Address 200 W. Douglas, Suite 550

City/State/Zip Wichita, Kansas 67202

Purchaser: Koch Oil Co.

Operator Contact Person: Lee Banks

Phone (316) 267-0783

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Scott Banks

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD S10W  
Gas ENHR S1GW  
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

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

11-01-93 11-08-93 1-5-94  
Spud Date Date Reached TD Completion Date

330 Feet from S(N) Line of Section

1520 Feet from E(W) Line of Section

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

Lease Name Kuder Well # 1-32

Field Name wildcat

Producing Formation Morrow

Elevation: Ground 3796 KB 3805

Total Depth 5280 PBTB 5225

Amount of Surface Pipe Set and Cemented at 340 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1910 Feet

If Alternate II completion, cement circulated from 1910  
cement top log run, approved by district  
feet depth to 125 w/ 325 sx cmt.

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 300 bbls

Dewatering method used natural evaporation

Location of fluid disposal if hauled offsite:

Operator Name n/a

Lease Name License No.

Quarter Sec. Twp. Rge. E/W

County Docket No.

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title owner Date 2-21-94

Subscribed and sworn to before me this 21 day of February 19 94.

Notary Public Darlene J. May

Date Commission Expires August 28, 1996

DARLENE J. MAY  
Notary Public - State of Kansas  
My Appt. Expires

RECEIVED  
K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution 03-11-94  
KCC SVD/Rep  
KGS Plug  
Wichita, Kansas  
(Specify)

Operator Name Lee Banks d/b/a Banks Oil Co. Lease Name Kuder Well # 1-32

**ORIGINAL**  
Sec. 32 Twp. 15 S Rge. 41

East  
 West

County Wallace

**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 checked="" 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	Topeka	3958 (- 153)	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4114 (- 309)	
List All E.Logs Run:	Induction & Comp. Neutron	Lansing	4224 (- 419)	
		Marmaton	4538 (- 733)	
		Cherokee	4735 (- 930)	
		Atoka	4842 (-1037)	
		Morrow Shale	4972 (-1167)	
		Up.Morrow Sand	4998 (-1193)	
		Lower Mw. Sand	5074 (-1269)	
		Morrow Lime	5094 (-1289)	
		Miss.	5158 (-1353)	
		LTD	5280	

D.S.T.#1 4960-5100 30/45/60/90/ GTS 2nd open.  
10" 15 mcf/b; 20" 7. mcf/b; 60" 11 mcf/b, rec.  
3217' gassy oil, 40 grav. IFP 653-926; ICIP  
1023; FFP 945-1013; FCIP 1043

**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"		340'	60/40	220	2% gel 3% dc
production	7-7/8"	5-1/2		5279'	prem.plus	175	5% KCL

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth	
4	5074-78 & 5082-89		perf.only 32 gram charges	

<b>TUBING RECORD</b>	Size 2-7/8	Set At Anch. 5016; SN5118; Btm mud anch	Packer At 5133	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Jan. 2, 1994	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 100 Bbls.	Gas TSTM Mcf	Water 3 Bbls.	Gas-Oil Ratio 40 Gravity

Disposition of Gas:

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perf.  Dually Comp.  Other (Specify)

Production Interval

Morrow Sand

15-199-20210-00-00

ORIGINAL

CONFIDENTIAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

3857, Great Bend, Kansas

# ALLIED CEMENTING CO., INC.

5214

Home Office P. O. Box 31

Russell, Kansas 67665

Date	11-1-93	Sec.	32	Fwp.	155	Range	41W	Called Out	4:30 PM	On Location	6:30 PM	Job Start	8:15 PM	Finish	9:00 PM
Lease	Kuder	Well No.	1-32	Location	Shanley Springs E. into			County	Wallace	State	KS.				
Contractor	Murfin Dr. #24							Owner	Banks Oil Co.						
Type Job	Surface							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 listed.							
Hole Size	12 1/4		T.D.	341			Charge To	Banks Oil Co.							
Csg.	8 5/8 25#		Depth	340			Street	200 W. Douglas, #550.							
Tbg. Size			Depth	KUC			City	Wichita					State	Kan 67202	
Drill Pipe			Depth	MAR 10			The above was done to satisfaction and supervision of owner agent or contractor.								
Tool			Depth	CONFIDENTIAL			Purchase Order No.	X Laura McKenna							
Cement Left in Csg.			Shoe Joint				CEMENT								
Press Max.			Minimum				Amount Ordered	235 SK 60/40 Poz, 30cc + 2 Agel.							
Meas Line	yes		Displace	20 3/4 bbls			Consisting of								
Perf.															

### EQUIPMENT

Key No.	Cementer	Ken
Pumptrk 300	Helper	Fit?
Pumptrk No.	Cementer	
	Helper	
	Driver	
Bulktrk 212	Driver	Steve
Bulktrk	Driver	

DEPTH of Job	340
Reference:	
Pump Truck	430 <sup>00</sup>
225 per mile	173 <sup>25</sup>
1-8 5/8 Surface Plug	42 <sup>00</sup>
Sub Total	
Tax	
Total	645 <sup>25</sup>

Remarks:

Cement did Circulate

Thank you  
Ken & crew

Common	141	SKs @	6 <sup>85</sup>	965 <sup>85</sup>
Poz. Mix	94	SKs @	3 <sup>00</sup>	282 <sup>00</sup>
Gel.	4	SKs @	7 <sup>00</sup>	28 <sup>00</sup>
Chloride	7	SKs @	25 <sup>00</sup>	175 <sup>00</sup>
Quickset				
Handling	1 <sup>00</sup>	per SK		235 <sup>00</sup>
Mileage	4¢	per mile		723 <sup>80</sup>
77 miles				
Sub Total				2,381 <sup>65</sup>
Released				
Floating Equipment	995			
MAR 24 1995				

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STATE CORPORATION COMMISSION

MAR 11 1994

CONSERVATION DIVISION  
Wichita, Kansas

WELL DATA  
SEC 32 TWP 15S RING 41<sup>2</sup> COUNTY WALLACE STATE 15S

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		5 1/2	15B	5250	
LINER						
TUBING	U		2 3/4	15B	1910	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**CONFIDENTIAL**

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-22-93	DATE 11-22-93	DATE 11-22-93	DATE 11-22-93
TIME 3:00	TIME 6:30	TIME 6:50	TIME 8:50

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
G. KINISTON	2592	LAMAR CO
M. HARPER	4149	
D. MCINTYRE	4027	
C. ASHLEY	37459	

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. \_\_\_\_\_ IN  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
PERFPAC BALLS TYPE \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

**KOC ORIGINAL**  
MAR 10  
**CONFIDENTIAL**

DEPARTMENT \_\_\_\_\_  
DESCRIPTION OF JOB **2 CD STACK**  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE **X Roger Pearson**  
HALLIBURTON OPERATOR **C. Ashley** COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	275 50	H.L.C STE.			275 CC. 114 <sup>th</sup> FL. 275 CC	1.84 1.1F	13.1 15.6

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 \_\_\_\_\_ REASON \_\_\_\_\_

SUMMARY  
PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
CEMENT SLURRY: BBL.-GAL. **77**  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
STATE CORPORATION COMMISSION  
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**MAR 11 1994**  
CONSERVATION DIVISION  
Wichita, Kansas

CUSTOMER: DANKS OIL CO.  
LEASE: 150 DEN.  
WELL NO: 172-11  
JOB TYPE: 2 CD STACK



15-199-20210-00-00  
**CONFIDENTIAL**

LOG FORM 2013 R-4

DATE 11-22-93 PAGE NO.

CUSTOMER **BANKS OIL** WELL NO. **1-32** LEASE **KUDER** JOB TYPE **2nd stage** TICKET NO. **558997**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								32, 155, 412
								WALLACE KS ORIGINAL
	6:30							REG ON LOG
	6:30							ON LOG
								SAFETY MEETING
1	6:50	4	10			1000		H2O AHEAD
						400		START CRT
		4	77			500		FINISH CRT
2						500		START DISP.
3		4	11			500		FINISH DISP.
4						1500		CLOSE TOOL.
5	8:55	4	20				500	BEK OUT

KCC

MAR 10

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MAY 24 1995

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MAR 11 1994

CONSERVATION DIVISION  
 Wichita Kansas

JOB LOG FORM 2013 R-3

15-199-20210-00-00

11-9-93

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
BANKS		1-32		KUSCO		5 1/2 Long String		53202	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING CASING		DESCRIPTION OF OPERATION AND MATERIALS	
	01:30							CALLED OUT	
	04:45							ON LOC	
	07:00							Pre job meeting	
	08:00							Howco Running FLOAT Equip	
	10:36							PART COLLAR AT 1910 FT	
	10:48							Rig Circ	
	10:48		20					DEEP Bottom Plug & Reload Top Plug	
	10:53		12					300 H2O ahead SALT H2O	
	10:55							300 START mud FLUZZ	
	10:58	5	5					300 H2O ahead	
	11:04		37					500 START CMT	
	11:07							CMT in	
	11:27		51					150 START DISP	
	11:30		84					1000 RETURNS ✓	
	11:34							GOT RETURN	
	11:32		126					300 LIFTING CMT	
								850 Plug Down	
								FLOAT HELD	
								THANKS FOR INFO	
								MAR 10	
								CONFIDENTIAL	
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								MAY 24 1995	
								FROM CONFIDENTIAL	
								NOV 12 1993	

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CUSTOMER

CONSERVATION DIVISION  
Wichita, Kansas



**WELL DATA**

FIELD \_\_\_\_\_ SEC. 32 TWP. 15-S RANG. 41-W COUNTY Haskell 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	15.5	5 1/2	RAM	5284	
LINER						
TUBING						
OPEN HOLE			7 7/8	KB	5280	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-9-93 TIME 01:30	DATE 11-9-93 TIME 04:45	DATE 11-9-93 TIME 08:00	DATE 11-9-93 TIME 19:00

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR INJECT 5 1/2	1	Hawco
FLOAT SHOE Filled	1	
GUIDE SHOE CMT 5 1/2	1	Hawco
CENTRALIZERS S-W 5 1/2	6	
BOTTOM PLUG 5 1/2	1	
TOP PLUG 5 1/2	1	
HEAD		
PACKER		
OTHER WELDA	1	

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
Rowan Buscick 55604	40084	LAMAR CO.
Randy Palmer A6702	2592	
M. Harlow F	4149	
KUD		

MAR 10  
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ORIGINAL

**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 \_\_\_\_\_

DEPARTMENT CMT

DESCRIPTION OF JOB CMT 5 1/2 Long String

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Rowan Buscick

HALLIBURTON OPERATOR Rowan Buscick COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	-BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	175	Standard	S W	B	3% KCL 3/4% Halad 3.22	1.12	15.6

**PRESSURES IN PSI**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

MUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

RED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

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

DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

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

REASON INJECT VALVE

**SUMMARY**

**VOLUMES**

PRESLUSH: BBL.-GAL. 20 CMT TYPE 3% SALT H<sub>2</sub>O

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. 42 W/F

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_

CEMENT SLURRY: BBL.-GAL. 36.7

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

**RAMARKS**

PORT COLLAR AT 1910 FT

CUSTOMER

CUSTOMER: BAVENS OIL CO  
LEASE: SLIP  
WELL NO.: 1-32  
JOB TYPE: 5 1/2 Long String  
DATE: 11-9-93