

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

Operator: License # 04782

Name: Ensign Operating Co.

Address P.O. Box 2161

City/State/Zip Liberal, Kansas 67905

Purchaser: Enron

Operator Contact Person: Reed Wacker

Phone (316) 626-8131

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: None

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S/DW  Temp. Abd.  
 Gas  EXHR  S/GW  
 Dry  Other (Core, VSW, 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 \_\_\_\_\_ PSTD  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_

5/12/94 5/14/94 6/9/94  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21628 **ORIGINAL**  
County Stevens  
NE SE SE Sec. 32 Twp. 34S Rge. 38 X V

1250 Feet from  NW (circle one) Line of Section

60 Feet from  SW (circle one) Line of Section

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

Lease Name Brecheisen Well # 2-32

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3219' KB 3227'

Total Depth 2924' PSTD 2881'

Amount of Surface Pipe Set and Cemented at 725' Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate Completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ ex cat.

Drilling Fluid Management Plan ALT 1 J 7 3-28-95  
(Date must be collected from the Reserve Pit)

Chloride content 15000 ppm Fluid volume 1500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name KCC  
**RELEASED**

Lease Name SEP 8 5

OCT 2 6 1995 Twp. CONFIDENTIAL E/V

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 Prod Supt Date Sept. 23, 94

Subscribed and sworn to before me this 23rd day of September, 19 94.

Notary Public William L. Waldorf

Date September 19, 1998

NOTARY PUBLIC - State of Kansas  
WILLIAM L. WALDORF  
My Appt. Exp. 9-19-98

RECEIVED  
STATE CORPORATION COMMISSION

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality SEP 26 1994  
C  Wireline Log Received 9-26-94  
C  Geologist Report Received  
DISTRIBUTION DIVISION  
WICHITA, KANSAS  
Distribution  
 KCC  SWD/Rep  NSGA  
 KGS  Plug  Other  
(Specify)

Operator Name Ensign Operating Co.

Lease Name Brecheisen Well # 2-32

Sec. 32 Twp. 34S Rge. 38  
 East  
 West

County Stevens

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 sheets 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.)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 See attached

List All E.Logs Run: DUAL-SPACED NEUTRON  
 See attached

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	24	725	Class C	325	2% CC/1# per sx Flocele
Production	7-7/8	5-1/2	17	2924	Class C	575	1/4 # per sx Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 JSPF	2611'-2629', 2644'-2665', 2676'-2709', 2724'-2730', 2740'-2767', 2786'-2807', 2820'-2835' & 2848'-2863'.	74,000 gal of Boragel G 3190 and 285,682 lbs of 10/20 mesh sd.	2611-2863

TUBING RECORD

Size	Set At	Packer At	Liner Run
2-3/8	2786'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, BVD or Inj.: SI, WOPL  
 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		0		639		0	0	NA

Disposition of Gas:  Vented  Sold  Used as Fuel  
 (if vented, submit ACO-)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval: 2611'-2863'

GABBERT-JONES, INC.  
WICHITA, KANSAS

ORIGINAL

- DRILLERS' WELL LOG -

CONFIDENTIAL

WELL NAME: BRECHEISN #2-32  
SEC 32-34S-38W  
STEVENS COUNTY, KANSAS

COMMENCED: 5-12-94  
COMPLETED: 5-15-94  
OPERATOR: ENSIGN OPERATING CO.

API # 15-189-21628

DEPTH		FORMATION	REMARKS
From	To		
0	550	Sand-Clay	Ran 16 jts of 24# 8 5/8" csg set @ 725 w/200 sks Premium + Class C 2%CC 1/4# Floseal - 125 sks HLC 2%CC 1/4# Floseal PD @ 7:00 PM 5-12-94
550	1210	Redbed	
1210	1380	Glorietta Sand	
1380	1843	Redbed-Anhy	
1843	2682	Redbed	
2682	2924	Lime-Shale	

2924 - TD

Ran 73 jts of 15 1/2" 5 1/2" csg LD @ 2924' w/ 425 sks Premlite - 1/4# Floseal 150 sks Premium + Lite 1/4# Floseal PD @ 6:00 AM 5-15-94

RELEASED

KCC

OCT 26 1995

SEP 23

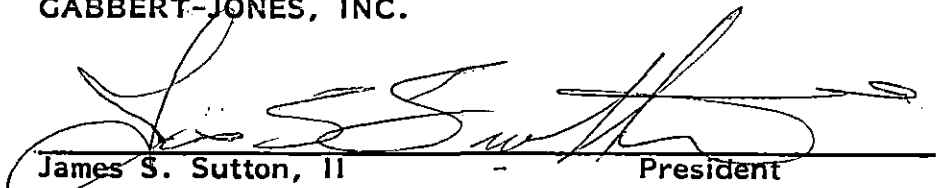
FROM CONFIDENTIAL

CONFIDENTIAL

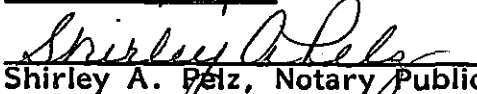
STATE OF KANSAS ]  
COUNTY OF SEDWICK ]

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.

  
James S. Sutton, II President

Subscribed & sworn to before me this 20th day of May, 1994

  
Shirley A. Pelz, Notary Public



My commission expires October 18, 1997



**HALLIBURTON**  
**ORIGINAL**

INVOICE

INVOICE NO.	DATE
574216	05/12/1994

WELL/LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
BRECHEISON 2-32		STEVENS <b>CONFIDENTIAL</b>		KS	GABBERT-JONES INC
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PAMPA	GABBERT-JONES INC	CEMENT SURFACE CASING		05/12/1994	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
311550	GILBERT DAVILA JR.			COMPANY TRUCK	69510

GABBERT-JONES INC  
ENGLISH KEY BUILDING  
333 EAST ENGLISH  
SUITE 215  
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:  
OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE CEMENTING ROUND TRIP	50 MI		2.75	137.50
		1 UNT			
001-016	CEMENTING CASING	725 FT		890.00	890.00
		1 UNT			
030-016	CEMENTING PLUG 5W ALUM TOP	8 5/8 IN		120.00	120.00
		1 EA			
16A	CASING SHOE - 8 5/8" 8RD THD.	1 EA		161.00	161.00
830.2171					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1 EA		171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1 EA		55.00	55.00
815.19415					
40	CENTRALIZER-8-5/8 X 12-1/4	2 EA		72.00	144.00
806.60059					
504-050	CEMENT - PREMIUM PLUS	125 SK		10.36	1,295.00
504-120	CEMENT - HALL. LIGHT PREM PLUS	200 SK		9.28	1,856.00
507-210	FLOCELE	50 LB		1.65	82.50
509-406	ANHYDROUS CALCIUM CHLORIDE	6 SK		36.75	220.50
500-207	BULK SERVICE CHARGE	343 CFT		1.35	463.05
500-306	MILEAGE CMTG MAT DEL OR RETURN	384.15 TMI		.95	364.94

**RELEASED**

INVOICE SUBTOTAL

OCT 26 1995

KCC

5,960.49

DISCOUNT-(BID)

SEP 23

1,490.10-

INVOICE BID AMOUNT

FROM CONFIDENTIAL

CONFIDENTIAL

4,470.39

\*-KANSAS STATE SALES TAX

181.28

\*-HUGOTON CITY SALES TAX

36.99

RECEIVED  
STATE OF KANSAS  
SEP 26 1994  
WICHITA, KANSAS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

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

CONFIDENTIAL  
WICHITA, KANSAS  
CONVEYANCE DIVISION  
WICHITA, KANSAS  
PAGE:



HALLIBURTON ENERGY SERVICES

FORM 1806 R-13

CHARGE TO: **Gabbert & Jones**  
 ADDRESS: **CONFIDENTIAL**  
 CITY, STATE, ZIP CODE: **CONFIDENTIAL**

ORIGINAL

TICKET

No.

574216 - 1

ORIGINAL

PAGE 1

OPERATION DIVISION  
 OPERATIONS  
 SEP 26 1999  
 OPERATIONS DIVISION

1. SERVICE LOCATIONS <b>25270, Pampa, TX</b>	WELL/PROJECT NO. <b>2-32</b>	LEASE <b>Brecheison</b>	COUNTY/PARISH <b>Stevens</b>	STATE <b>Ks.</b>	CITY/OFFSHORE LOCATION	DATE <b>5-12-94</b>	OWNER <b>EGG Operations</b>
2. <b>25535, Hugot, Ks.</b>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <b>Gabbert &amp; Jones</b>	RIG NAME/NO. <b>#9</b>	SHIPPED VIA <b>C.T.</b>	DELIVERED TO <b>Well site</b>	ORDER NO.
3.	WELL TYPE <b>01-011</b>	WELL CATEGORY <b>01-Dev.</b>	JOB PURPOSE <b>010-SURFACE</b>	WELL PERMIT NO.	WELL LOCATION <b>SW/Hugot, Ks.</b>		
4. REFERRAL LOCATION <b>Liberal, Ks.</b>	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
000-117		1			MILEAGE 8124	50	m	2.75	137.50
001-016		1			Pump Chgs.	725	F.	890.00	890.00
030-016		1			TOP Plug	1	EA	120.00	120.00
16A	830.2171	1			Tx. Pattern Notched Guide Shoe	1	EA	161.00	161.00
24A	815.19502	1			FLT. Insect	1	EA	171.00	171.00
27	815.19415	1			Flt. Fill Assy.	1	EA	55.00	55.00
40	806.60059	1			Confz.	2	EA	72.00	144.00

NOW  
 SEP 23  
 CONFIDENTIAL  
 RELEASED  
 OCT 26 1995  
 FROM CONFIDENTIAL

**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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE  
 X *Gilbert Davila Jr.*

DATE SIGNED: **5-12-94** TIME SIGNED: **7:30**

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

**SURVEY** AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL **1678.50**

FROM CONTINUATION PAGE(S) **4281.99**

**5960.49**

SUB-TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE

**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)  
*Gilbert Davila Jr.*

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)  
 X *Gilbert Davila Jr.*

HALLIBURTON OPERATOR/ENGINEER  
*Charles T. Clements* EMP # **64090**

HALLIBURTON APPROVAL  
*Harold E. Leardon* 25%



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

ORIGINAL  
98

TICKET No. 574216

FORM 1911 R-10

CUSTOMER  
Gabbert & Jones

WELL  
Erecheison

DATE  
5-12-94

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-050	516.00265	2			Premium Plus Cement	125		sk		101.36	2295.00
504-120		2			Halliburton Light Cement	200		sk		91.28	1856.00
504-050	516.00265	2									
506-105	516.00286	2									
506-121	516.00259	2									
507-210	890.50071	2			Flocele <sup>1/2</sup> #/200sk	50		lb		11.65	821.50
509-406	890.50812	2			Calcium Chloride 2%/325sk	6		sk		36.75	220.50
500--207		2			SERVICE CHARGE						
500-306		2			MILEAGE CHARGE						
					TOTAL WEIGHT	30,732					
					LOADED MILES	25					
					CUBIC FEET	343					
					TON MILES	384.15					
										1.35	463.05
										.95	364.94

ORIGINAL

CONFIDENTIAL

KCC  
SEP 23  
CONFIDENTIAL

RELEASED

OCT 26 1995

FROM CONFIDENTIAL

STATE OCCUPATIONAL TAX  
SEP 24 1994

No. B 255064

CONTINUATION TOTAL

CUSTOMER: Gabbert & Jones  
LEASE: Brecheisen  
WELL NO.: 2-32  
JOB TYPE: DIO-S SURFACE  
DATE: 5-12-94

WELL DATA

FIELD \_\_\_\_\_ SEC. 32 TWP. 34S RNG. 38W COUNTY Stevens STATE Kansas

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>N</u>	<u>24"</u>	<u>8 5/8</u>	<u>K.B</u>	<u>725</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>K.B</u>	<u>725</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-12-94</u>	DATE <u>5-12-94</u>	DATE <u>5-12-94</u>	DATE <u>5-12-94</u>
TIME <u>1200</u>	TIME <u>1530</u>	TIME <u>1830</u>	TIME <u>1900</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT <u>GOVERNOR INSERT</u>	<u>1</u>	
FLOAT <u>CHOC Fill Assy.</u>	<u>1</u>	
GUIDE SHOE <u>TR. Pat. Notepad</u>	<u>1</u>	
CENTRALIZERS	<u>2</u>	
BOTTOM PLUG	<u>1</u>	
TOP PLUG		
HEAD	<u>1</u>	
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>C. Clements</u>	<u>B4090</u>	<u>Pampa, TX.</u>
<u>M. Nelson</u>	<u>3848/8128</u>	<u>"</u>
<u>GARY McINTYRE</u>	<u>446/5303</u>	<u>Hugoton, KS.</u>
<u>G8755</u>		
<u>KCC</u>		
<u>SEP 2 '93</u>		
<u>CONFIDENTIAL</u>		<u>ORIGINAL</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 \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT Cmt.  
DESCRIPTION OF JOB Cmt. 8 5/8 SURFACE Csg. AS  
Directed  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE X Gabbert & Jones  
HALLIBURTON OPERATOR Charles Clements COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>200</u>	<u>Prem. Plus ALC</u>		<u>B</u>	<u>28% C.C. 1/4" FluScale</u>	<u>2.10</u>	<u>12.3</u>
<u>2</u>	<u>125</u>	<u>Prem. Plus</u>		<u>B</u>	<u>28% C.C.</u>	<u>1.32</u>	<u>14.8</u>
					<u>RELEASED</u>		
					<u>OCT 26 1995</u>		

PRESSURES IN PSI

SUMMARY

FROM CONFIDENTIAL

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESFLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 43.5  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY (BBL.-GAL.) 74.8/29.4  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME (BBL.-GAL.) 147.7  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS  
AVERAGE RATES IN BPM \_\_\_\_\_ Float Held  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_ CIRC. 18 BBLs To Pit.  
FEET 40.90 REASON Shoe JT

RECEIVED  
STATE OF KANSAS  
SEP 26 1994

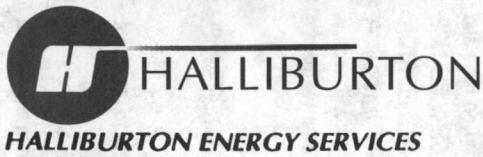
CONSERVATION DIVISION  
WICHITA, KANSAS

CUSTOMER Gabbert, d Jones WELL NO. 2-32 LEASE Brecheison JOB TYPE 010-SURFACE TICKET NO. 574216

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes handwritten entries like 'Called out', 'ORIGINAL', 'CONFIDENTIAL', 'KUC', 'SEP 23', 'RELEASED', 'OCT 26 1995', 'FROM CONFIDENTIAL', 'RECEIVED STATE CORPORATION COMMISSION', 'SEP 26 1994'.

KUC  
SEP 23  
CONFIDENTIAL  
  
RELEASED  
OCT 26 1995  
FROM CONFIDENTIAL  
RECEIVED  
STATE CORPORATION COMMISSION  
SEP 26 1994





CHARGE TO: *Ensign Operations*  
 ADDRESS: **CONFIDENTIAL**  
 CITY, STATE, ZIP CODE:

COPY: **ORIGINAL**  
 No. **574218**  
 7  
 PAGE 1 OF 2  
 RECEIVED BY: SA 2  
 DATE: 9/2/94  
 STATE: MISSOURI  
 COUNTY: VERNON  
 CITY: LIBERTY

FORM 1906 R-13

SERVICE LOCATIONS 1. <i>AS270, Tampa, TX</i>	WELL/PROJECT NO. <i>2-32</i>	LEASE <i>Bracheison</i>	COUNTY/PARISH <i>STEVENS</i>	STATE <i>KS.</i>	CITY/OFFSHORE LOCATION	DATE <i>5-15-94</i>	OWNER <i>SA 2</i>
2. <i>38835, Hugo, TX</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Garrett &amp; Jones</i>	RIG NAME/NO. <i>9</i>	SHIPPED VIA <i>C.T.</i>	DELIVERED TO <i>Well-Site</i>	ORDER NO.
3.	WELL TYPE <i>01-oil</i>	WELL CATEGORY <i>01-Dev.</i>	JOB PURPOSE <i>035-Prod. Essg.</i>	WELL PERMIT NO.	WELL LOCATION <i>SW/Hugoton, KS</i>		
4.	REFERRAL LOCATION <i>Libert, K.S.</i>	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M		
000-117		1			MILEAGE 8128	50	mi			2.75	137.50
001-116		1			Pump Chrg.	2924	hr			1455.00	1455.00
030-016		1			Top Plug	1	EA			60.00	60.00
12A	825.205	1			Guide Shoe	1	EA			131.00	131.00
34A	815.19351	1			Insert Float	1	EA			110.00	110.00
27	815.19311	1			Fill-Assy.	1	EA			55.00	55.00
40	806.60022	1			Centz.	5	EA			44.00	220.00
66	806.72030	1			Limit Clamp	1	EA			12.00	12.00

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 OCT 26 1995  
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**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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *X Wes Willmor*  
 DATE SIGNED: *5-15-94* TIME SIGNED: *0030*

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	<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <i>2170.50</i>	
TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					FROM CONTINUATION PAGE(S) <i>6839106</i>
BEAN SIZE SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					
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?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	
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) <i>Wes Willmor</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X Wes Will</i>	HALLIBURTON OPERATOR/ENGINEER <i>Charles T. Claret</i>	EMP # <i>84090</i>	HALLIBURTON APPROVAL
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*\$7207.* *9009.56*

## TERMS AND CONDITIONS

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 recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability 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. Requested modifications should be directed to the Vice President - , 5151 San Felipe, Houston, Texas 77056.

HALLIBURTON ENERGY SERVICES

CUSTOMER Ensign	WELL 112 Brecheison	DATE 5-14-94	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							
504-050	516.00055	2			Premium Plus Cement	150	sk			36	1554 00
504-120		2			halliburton Light Cement	425	sk			28	3944 00
504-050	516.00265	2									
506-105	516.00286	2									
506-121	516.00259	2									
507-210	890.50071	2			Flocele <sup>1</sup> / <sub>8</sub> 425sk	106	lb			65	174 90
500-207		2			SERVICE CHARGE			CUBIC FEET	582	1 35	785 70
500-306		2			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	400.50	95	380 46
						53,400	15				

ORIGINAL

KCC  
SEP 2 '93  
CONFIDENTIAL

RELEASED  
OCT 2 6 1995

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 2 8 1994  
CONSERVATION DIVISION  
WRIGHT, KENNEDY

FROM CONFIDENTIAL

No. B 255078

CONTINUATION TOTAL

6839.00

**JOB LOG** FORM 2013 R-4

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Ensign Operating	2-32	Brecheison	035-Prod. Csg.	574218

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							Called out
	0030							ON LOC. Set-up, Rig Lay down D.P.
	0200							Rig-up Csg. Crew
	0300							START Csg.
	0450							Csg. on bottom Circ. w/Rig Pump
	0514	8	159				250	START Pumping Lead Cont @ 12.2 gal
	0531	6	35				220	" " Tail Cont @ 14.8 gal
	0538	0					0	Shutdown, Drop Plug, wash Pumps & line
	0540	10	67				0	START Displacement
	0544	6					200	Caught Cont show Rate
	0550	4					500	slow Rate
	0552	2					700	slow Rate
	0555	0					750-1700	LAND PLUG. Float Held

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SEP 2'3  
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**WELL DATA**

FIELD \_\_\_\_\_ SEC. 32 TWP. 34S RNG. 38W COUNTY STEUBENS 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	N	17"	5/8"	K.P.	2936	
LINER						
TUBING						
OPEN HOLE			3 3/4"	N.O.	2721	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT</u>	<u>1</u>	
FLOAT SHOE <u>FILL ASSY</u>	<u>1</u>	
GUIDE SHOE	<u>1</u>	
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD	<u>1</u>	
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-11-91</u>	DATE <u>5-15-91</u>	DATE <u>5-15-91</u>	DATE <u>5-15-91</u>
TIME <u>2100</u>	TIME <u>0030</u>	TIME <u>0500</u>	TIME <u>0600</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>C. Clements</u>	<u>B4090</u>	<u>Pampa, TX</u>
<u>M. Nelson</u>	<u>3848/8192</u>	<u>" "</u>
<u>Reve</u>	<u>53920/6612</u>	<u>Hugoton, KS</u>
<u>Paek</u>	<u>2287/7620</u>	<u>" "</u>

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**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. KUC 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 \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cont

DESCRIPTION OF JOB Cont 5 1/2" Packer Casing As Directed

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

CUSTOMER REPRESENTATIVE X Wes Williams

HALLIBURTON OPERATOR Charles T. Cantelmo COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>435</u>	<u>Primo Plus</u>	<u>HLC</u>	<u>B</u>	<u>4 1/2" 90# Floc</u>	<u>2.10</u>	<u>12.2</u>
<u>2</u>	<u>150</u>	<u>Primo Plus</u>		<u>B</u>		<u>1.32</u>	<u>14.8</u>

**RELEASED**

**OCT 26 1995**

**FROM CONFIDENTIAL**

**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. 6.7

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 159/35

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. 261

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS Float Held

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

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

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

FEET 37.58 REASON Shoe Joint

CUSTOMER: Ensign Operating  
LEASE: Brecheiser  
WELL NO.: 2-33  
JOB TYPE: 025-Pack Csg.  
DATE: 5-15-91