

ORIGINAL

KCC

MAY 03

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

API NO. 15- 179-20,995 -0000

County Sheridan

CONFIDENTIAL

50' N _____ East
SW NW SW _____ Sec. 24 Twp. 9S Rge. 26 X West

1700 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

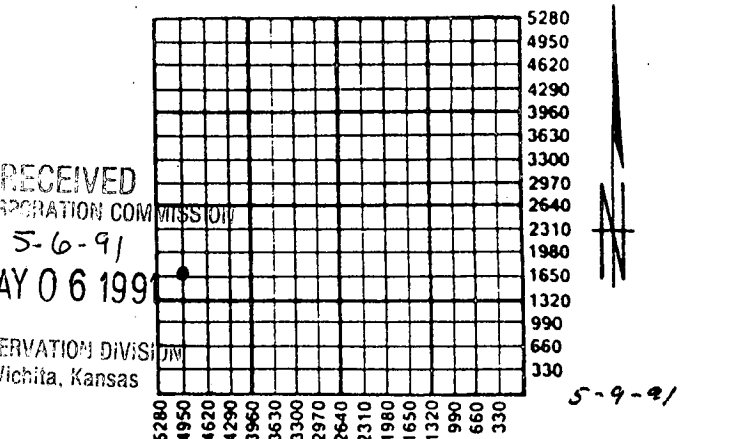
Lease Name Epler 'A' Well # 1

Field Name EPLER

Producing Formation LKC 140' zone

Elevation: Ground 2650' KB 2655'

Total Depth 4160' PBDT _____



Amount of Surface Pipe Set and Cemented at 263 Feet

Multiple Stage Cementing Collar Used? X Yes _____ No

If yes, show depth set 2304.06 Feet

If Alternate II completion, cement circulated from 2304

feet depth to surface w/ 340 sx mt.

Operator: License # 9482

Name: National Petroleum Reserves, Inc

Address 250 N. Rock Rd., Ste #340

City/State/Zip Wichita, KS 67206

Purchaser: Clear Creek

Operator Contact Person: Ted Bredehoft

Phone (316) -681-3515

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Dan DeBoer

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

X Oil _____ SWD _____ Temp. Abd.

_____ Gas _____ Inj _____ Delayed Comp.

_____ Dry _____ Other (Core, Water Supply, etc)

If OMMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

X Mud Rotary _____ Air Rotary _____ Cable

3/28/91 4/5/91 4-20-91

Spud Date Date Reached TD Completion Date

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 President Date 5/2/91

Subscribed and sworn to before me this 2 day of May, 19 91.

Notary Public [Signature]

Date Commission Expires 5-13-93

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-13-93

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 National Petroleum Reserves, Inc Lease Name Epler 'A' Well # 1

Sec. 24 Twp. 9S Rge. 26 East West County Sheridan

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.)

Formation Description		
Name	Top	Bottom
Anhydrite	2294	+361
B/Anhydrite	2331	+324
Topeka	3648	-993
Heebner	3859	-1204
Toronto	3881	-1226
Lansing	3897	-1242
B/K.C.	4122	-1467

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"	20	263	40/60 poz	200	3% cc
Production	7 7/8"	4 1/2"	10.5#	4159	EA-2	540	3%cc 5% salt

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	4024.5 to 4029.5	2000 gal 15% reg Acid	4030

TUBING RECORD Size 2 3/8" Set At 4122 Packer At none Liner Run Yes No

Date of First Production 4-21-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Tstm Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	89		0		

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 _____

ORIGINAL

KCC
MAY 03
CONFIDENTIAL

DST #1 (3915-35); Lansing 35 ft zone; 30-30-30-30; 1st open-weak blow bldg. to 3 inches, decreasing to ½ inch; 2nd open-weak flow bldg. to 2½ inches, decreasing to 1 inch; recovery: 50' slightly mud cut gassy oil, 120' oil & gas cut muddy water (23% gas, 12% oil, 25% mud, 40% water), 90' slightly oil & mud cut water (4% oil, 15% mud, 81% water), 120' very slightly oil & mud cut water (5% oil, 5% mud, 90% water), 120' very slightly oil & mud cut water (3% oil, 5% mud, 94% water); IFP 22-123; FFP 181-217; ISIP-797; FSIP-776; BHT 114°; drilling at 3,935 ft.

DST #2 (3934-50); Lansing 50 ft zone; 30-30-30-30; 1st open-weak blow bldg. to 13 inches; 2nd open-weak blow bldg to 10½ inches; recovery: 300 ft gas-in-pipe, 10 ft clean gassy oil, 20 ft muddy gassy oil (60% oil, 40% mud); IFP 58-29; FFP 58-29; ISIP-173; FSIP-231; BHT 114°; drilling at 3,950 ft.

DST #3 (3954-79); Lansing 90 ft zone; 30-30-30-30; 1st open-weak blow bldg to 10½ inches; 2nd open-weak blow bldg to 9 inches; recovery: 200 ft gas-in-pipe; 1 ft clean oil, 60 ft oil cut mud (5% oil, 65% mud, 30% water), 50 ft. slightly oil cut mud (2% oil, 40% mud, 58% water); IFP 21-39; FFP 79-65; ISIP-1123; FSIP-1123; BHT 121°; drilling at 3,995 ft.

DST #4 (4002-4040); Lansing G' Prime and 140 ft zones; 30-30-45-60; 1st open-strong blow off bottom bucket in 1½ minutes; 2nd open-strong blow off bottom bucket in 3½ minutes; recovery: 3,400 gas-in-pipe; 500 ft clean gassy oil, 250 ft. very slightly mud cut gassy oil; IFP 87-144; FFP 210-260; ISIP-456; FSIP-478; BHT 121°; gravity 40°; drilling at 4,045 ft.

DST #5 (4041-4081); Lansing 160 ft and 180 ft zones; 15-15-15-15; 1st open-weak blow for 5 minutes & died; 2nd open-weak blow for 1 minute, died, flushed tool, weak blow for 1 minute, died; recovery: 10 ft mud; IFP 50-29; FFP 36-43; ISIP-43; FSIP-50; BHT 121°; drilling at 4,089 ft.

DST #6 (4079-4105); Lansing 200 ft zone; 30-30-45-45; 1st open-fair blow off bottom bucket 15 minutes; 2nd open-fair blow off bottom bucket 10 minutes; recovery: 2,014 ft gas-in-pipe, 135 ft clean gassy oil; 90 ft muddy oil; IFP 105-52; FFP 126-105; ISIP-262 FSIP 241; BHT 120°; gravity 34°; drilling at 4,115 ft.

RECEIVED
STATE CORPORATION COMMISSION
MAY 06 1991
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

KCC

MAY 03

CONFIDENTIAL

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: National Petroleum Reserves, Inc.
250 N. Rock Rd., Ste #340
Wichita, Kansas 67206

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Epler 'A'

WELL #1

LOCATION: 50' N of SW NW SW
Section 24-9S-26W
Sheridan County, Kansas

LOGGERS TOTAL DEPTH: 4160'

ROTARY TOTAL DEPTH: 4160'

COMMENCED: 3/28/91

ELEVATION: 2655' K.B.

COMPLETED: 4/5/91

CASING: 8-5/8" @ 263' w/200 sks cement
4-1/2" @ 4159' w/140 sks cement (Bottom Stage)
w/175 sks HDL & 225 sks HLC (Top Stage)
DV Tool set @ 2304.06

STATUS: Oil Well

RECEIVED
STATE CORPORATION COMMISSION

MAY 06 1991

CONSERVATION DIVISION
Wichita, Kansas

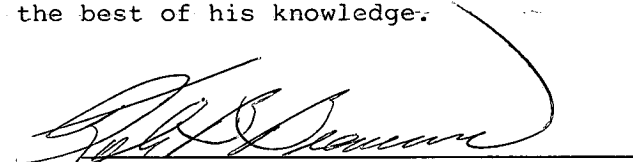
DEPTHS & FORMATIONS

(All measurements from K.B.)

Dakota Sand	1200'	Shale	2825'
Shale	1244'	Lime & Shale	3420'
Cedar Hills	1910'	Lime	3930'
Shale	2073'	Lime & Shale	4081'
Anhydrite	2297'	Kansas City Lime	4105'
Shale	2335'	Lime & Shale (R.T.D.)	4160'
Lime & Shale	2460'		

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

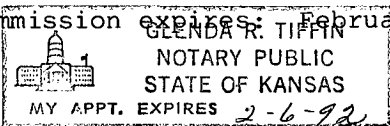
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above-captioned well, to the best of his knowledge.

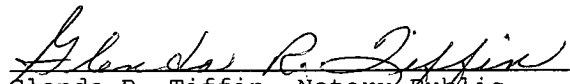


Kyle B. Branum

Subscribed and sworn to before me on April 9, 1991.

My commission expires: February 6, 1992.





Glenda R. Tiffin, Notary Public



15-179-20995-6000

KCO

TICKET

NO. 051387-6

MAY 0 3

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME: 1 Epler A
COUNTY: Sheridan **STATE:** KS **CITY / OFFSHORE LOCATION:** **DATE:** 4-5-91

CHARGE TO: National Petroleum Reserves **OWNER:** National Pet. Res.
ADDRESS: **CONTRACTOR:** Emphas. S. **TICKET TYPE (CHECK ONE):** SERVICE SALES
CITY, STATE, ZIP: **SHIPPED VIA:** 2591 **FREIGHT CHARGES:** PPD COLLECT **LOCATION:** 1 Oberlin KS **CODE:** 25509
WELL TYPE: 01 **WELL CATEGORY:** 01 **WELL PERMIT NO.:** **DELIVERED TO:** S. Studley KS **LOCATION:** 3 **CODE:**
TYPE AND PURPOSE OF JOB: 035 **ORDER NO.:** **REFERRAL LOCATION:** B-146638

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 ACCEPTS NO LIABILITY FOR THE PRESENT, FUTURE, AND CONSEQUENT DAMAGE TO THE CUSTOMER OR TO ANY OTHER PARTY, INCLUDING BUT NOT LIMITED TO, PERSONS OR PROPERTY, ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE SERVICES PROVIDED HEREON. HALLIBURTON'S LIABILITY SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT PRICE. HALLIBURTON SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE CUSTOMER OR TO ANY OTHER PARTY, INCLUDING BUT NOT LIMITED TO, PERSONS OR PROPERTY, ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE SERVICES PROVIDED HEREON, INCLUDING BUT NOT LIMITED TO, PERSONS OR PROPERTY, ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE SERVICES PROVIDED HEREON, INCLUDING BUT NOT LIMITED TO, PERSONS OR PROPERTY, ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE SERVICES PROVIDED HEREON.

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 2591	45	mi			2.60	117.00
001-016		1		Pump Charge	4160	ft				1300.00
007-161		1		2nd Stage Pump Chg.						1085.00
71	813.80100	1		Multi Stage Cement	1	EA	4 1/2"			2474.00
75	813.5112	1		Plug Set	1	set	4 1/2"			373.00
320	800.8881	1		Cement Basket	1	EA	4 1/2"			85.00
40	807.93004	1		S-4 Centralizers	7	EA				301.00
26	847.6316	1		Insert Valve Flushing	1	EA	4 1/2"	4 1/2"		232.00
27	815.19111	1		Auto F. II Ass.	1	EA	1"			27.50
018-317		1		Super Flush	11	SKS			87.00	957.00
509-968		1		Salt	250	lbs			.10	25.00
350	890.10802	1		Howco Weld	1	lb				11.00

STATE OF KANSAS RECEIVED
 COMMISSIONER OF REVENUE
 MAY 06 1991
 COMMISSIONER OF REVENUE
 Topeka, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-946638** **6220 47**

WAS JOB SATISFACTORILY COMPLETED? _____
 WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____
 X *[Signature]*
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 X *[Signature]*
 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.
[Signature]
 HALLIBURTON OPERATOR
 HALLIBURTON APPROVAL
 CUSTOMER

SUB TOTAL **13153.47**
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**
ORIGINAL

FOR INVOICE AND
TICKET NO. **051387**
KCC

DATE 04-05-91	CUSTOMER ORDER NO.	WELL NO. AND FARM 1 Epler A	COUNTY MAY 03 Sheridan	STATE Ks
CHARGE TO National Petro.		OWNER National	CONTRACTOR Emphasis #6	CONFIDENTIAL B 946638
MAILING ADDRESS		DELIVERED FROM Oberlin, Ks	LOCATION CODE 25529	PREPARED BY vlk
CITY & STATE		DELIVERED TO St. Studley KS	810789 3846	RECEIVED BY Jack Moore

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-308				Standard Cement	140	sk			6.75	945	00	
508-127				Cal Seal	7	sk			19.70	137	90	
509-968				Salt Granulated	606	lb			.10	60	60	
507-775				Halad 322	66	lb			6.15	405	90	
507-970				D-Air	36	lb			2.55	91	80	
504-308				Standard Cement	114	sk			6.75	769	50	
506-105				Pozmix	61	sk			3.50	213	50	
506-121				Halliburton Gel Allowed 2%(3)							NC	
507-277				Halliburton Gel Mixed 8%	12	sk			13.75	165	00	
507-285				Econolite	304	lb			.90	273	60	
507-210				Flocele	44	lb			1.30	57	20	
504-316				Halliburton Light Cement	225	sk			6.10	1372	50	
507-210				Flocele	56	lb			1.30	72	80	
509-968				Salt Granulated (onside)	150	lb			.10	15	00	
RECEIVED STATE COMMISSION												
				Returned Mileage Charge			MAY 06 1991					
				TOTAL WEIGHT	LOADED MILES		TON MILES					
				SERVICE CHARGE ON MATERIALS RETURNED	CU. FEET							
500-207				SERVICE CHARGE	605		1.15		695		75	
500-306				Mileage Charge	52,468		45		1180.53		.80	
				TOTAL WEIGHT	LOADED MILES		TON MILES					
No. B 946638		CARRY FORWARD TO INVOICE						SUB-TOTAL		6220 47		

DISTRICT Hays KS

DATE MAY 05 4-5-91

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

WELL NO. 1 LEASE Epler A SEC 04 TWP 9S RANGE 26W
FIELD S. Studley KS COUNTY Sheridan STATE KS OWNED BY National Pet. Res.

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 <u>4160</u>	MUD WEIGHT						
BORE HOLE <u>7 7/8</u>							
INITIAL PROD: OIL BPD, H ₂ O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H ₂ O BPD, GAS MCF							

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Cement 4 1/2" Production Casing w/ 140 sks EA-2 Cement w/ 5% Cal-Seal, 10% Salt, 5% Haled 322, 25% D-Air. 175 sks HDL cement w/ 1/4" floccle + 225 sks HLC w/ 1/4" floccle, D.V. Tool-in-top at 46th Joint, Basket at 45th + Centralizers on 1st, 3rd, 5th, 13th

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

- 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 for:
 1. 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.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. 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 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.
- 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 SENTENCES. 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 its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which it has borrowed 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 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.

RECEIVED

MAY 06 1991

Wichita, Kansas

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 4-5-91
TIME 1515 A.M.



JOB SUMMARY ORIGINAL

HALLIBURTON DIVISION

Oklahoma City

KCC BILLED ON TICKET NO. 051387

FIELD: S. Studley KS SEC. 24 TWP. 9S RANG. 26W COUNTY: Sherman 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: 4160

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	2	105	4 1/2	KB	4160	
LINER						
TUBING						
OPEN HOLE				KB	4160	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE w/ Inlet And F. II	1 EA	Howco
GUIDE SHOE		
CENTRALIZERS 5-4 1/2"	7 EA	Howco
BOTTOM PLUG		
TOP PLUG		
HEAD Cement Basket 4 1/2"	1 EA	Howco
PACKER		
OTHER DV Plug Set 4 1/2"	1 EA	Howco

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-5-91	DATE 4-5-91	DATE 4-5-91	DATE 4-5-91
TIME 1130	TIME 1915	TIME 1550	TIME 2000

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
J. Moore	2591	
J. Alstrom	41400 BCM	Oberlin KS
	3846	
M. Jones	Bulk Tk	Oberlin KS
	50181	
H. Berry	Bulk Tk	Oberlin KS
	3750	
H. Hughes	Super	Oberlin KS

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 _____ IN _____

PERFPAC BALLS TYPE _____ QTY _____

OTHER _____

OTHER _____

DEPARTMENT: CM+1

DESCRIPTION OF JOB: CM+ Prod. Csg w/ 140sks EA-2 w/ 5% Cel Seal, 10% Salt, 5% Hald 322, 25% D-Air, 175sks HDL w/ 1/4" flocc & 225sks HLC w/ 1/4" flocc

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE: *[Signature]*

HALLIBURTON OPERATOR: *[Signature]*

COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	140	EA-2			10% Salt, 5% Cel Seal, 58% HD 322	1.26	15.5
2 ^{1/2}	175	HDL			25% D-Air	3.62	10.68
2	225	HLC			1/4" flocc	1.97	12.14
					1/4" flocc		

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET: 1225 REASON: Shorten

SUMMARY

PRESLUSH: BBL-GAL _____ TYPE _____

LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL _____

CEMENT SLURRY: BBL-GAL _____

TOTAL VOLUME: BBL-GAL _____

REMARKS: See Job Log of Hall Thank You

CUSTOMER: National Petroleum Co. EAST: Epic A. WELL NO. 1. JOB TYPE: CM+ Prod Csg. DATE: 4-5-91



70% MAY 10 1991
 CONFIDENTIAL
 NO. 051406-3
 TICKET

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME Epler A #1		COUNTY Sheridan	STATE Ks	CITY / OFFSHORE LOCATION	DATE 3-28-91
CHARGE TO National Petroleum Reserves		OWNER National Petroleum		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 Emphasis Data #6		LOCATION 1 Oberlin, Ks	CODE 25529
CITY, STATE, ZIP		SHIPPED VIA 2591 4/7/8	FREIGHT CHARGES PPD <input type="checkbox"/> COLLECT <input type="checkbox"/>	LOCATION 2	CODE
WELL TYPE O.I.O.I	WELL CATEGORY O.I. Development	WELL PERMIT NO.	DELIVERED TO SE Hoxie	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB OIO - Cont Surf Cong		ORDER NO. B-946627		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, OR OBLIGATIONS BY HALLIBURTON FOR A PARTICULAR METHOD OR COURSE WHICH EXTEND BEYOND THOSE STATED ON THE CONTRACT. HALLIBURTON'S LIABILITY AND CUSTOMER'S OBLIGATION SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT. HALLIBURTON'S LIABILITY AND CUSTOMER'S OBLIGATION SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT. HALLIBURTON'S LIABILITY AND CUSTOMER'S OBLIGATION SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT.

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 .2591	45	m			235	105	75
000-118		1		Mileage Surcharge	45	m			40	18	00
001-016		1		Pump Charge	264	ft	8	hr		440	00
030-503		1		LA-11 Top Plug	1ea		85	in		90	00

RECEIVED
 STATE COMMISSION
 MAY 06 1991

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-946627** 1824 57

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X _____
 CUSTOMER OR HIS AGENT (PLEASE PRINT)

X _____
 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.

Scott Lohman
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL **2478 34**

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

FOR INVOICE AND TICKET NO. **051406**

DATE 3-28-91	CUSTOMER ORDER NO.	WELL NO. AND FARM A-1 Epke	COUNTY Sheeidan	STATE Ks
CHARGE TO National Petroleum Res.	OWNER National Pet Res	CONTRACTOR Emphasis Dtg.	No. B 946627	
MAILING ADDRESS	DELIVERED FROM Oberlin, Ks	LOCATION CODE 25529	PREPARED BY Lyle/Dick	
CITY & STATE	DELIVERED TO Studley, Ks	TRUCK NO. 4718	RECEIVED BY [Signature]	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
504-308				Std. Cement	120	44 sk			6.75	810.00
506-105				Poz Mix 'A'	80	96 sk			3.50	280.00
506-121				(4) Halliburton Gel Pflavored						N/C
509-406				Calcium Chloride	6	5 sk			2.25	13.50
										157.50

THIS IS NOT AN INVOICE

STATE OF KANSAS COMMISSION
MAY 06 1991

Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES	
SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET	233 20
550-207			256.212	110
SERVICE CHARGE			CU. FEET	281.60
580-306			487.83	75
550-307 Surchage	Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES
	216.80	45	404.55	110
No. B 946627	CARRY FORWARD TO INVOICE			SUB-TOTAL
				1094.57

CUSTOMER

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 051406

FORM 1908 R-7 A Division of Halliburton Company

DISTRICT Oberlin, Ks ORIGINAL DATE 3-28-91

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

WELL NO. 1 LEASE Eplan A SEC. 24 TWP. 9S CONFIDENTIAL
FIELD SW Studley, Ks COUNTY Sheridan STATE Ks OWNED BY National Petroleum Reserves

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 <u>270'</u>	MUD WEIGHT						
BORE HOLE <u>12 1/4"</u>							SHOTS/FT.
INITIAL PROD. OIL BPD, H ₂ O BPD, GAS MCF							
PRESENT PROD. OIL BPD, H ₂ O BPD, GAS MCF							
CASING		<u>N</u>	<u>2016</u>	<u>8 5/8"</u>	<u>KB</u>	<u>264</u>	
LINER							
TUBING							
OPEN HOLE							
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE TYPE MATERIALS
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Emt 8 5/8" Surface Cng, 200 sts 6040 KB, 290 Gel, 3% CC as directed.

MAY 06 1991

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

- 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 for:
 1. 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.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death of 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 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.
- 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 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.
- 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 3/28/91
TIME 1:30 hrs. 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

WELL DATA
FIELD SW Studley SEC. 24 TWP. 9s RNG. 26w COUNTY Shenandoah 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 12 1/4" Hole TOTAL DEPTH 270'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	10	20	8 5/8"	KB	264	100
LINER						
TUBING						
OPEN HOLE						
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
3-28-91	3-28-91	3-28-91	3-28-91
TIME 1545	TIME 1610	TIME 1615	TIME 1945

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>BA11 8 5/8"</u>	<u>1ea</u>	<u>Howco</u>
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>S. Oden</u>	<u>36654</u>	<u>Oberlin Ks</u>
<u>J. Alstrom</u>	<u>2541. Rem HT-400</u>	<u>"</u>
<u>G. Davis</u>	<u>WHIP Bulk</u>	<u>Duncan Ok.</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DISPL. FLUID _____ DENISTY _____ 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 + Bulk
DESCRIPTION OF JOB Cmt 8 5/8" Surt Csmg
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X
HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	STATE	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	200	60/40	SK-102	B	2% Cel, 3% CC	MAY 06 1991	1.26	14.33

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
ORDERED _____ AVAILABLE _____ USED _____
TREATING _____ DISPL. _____ OVERALL _____
FEET 20' CEMENT LEFT IN PIPE _____
REASON Requested

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. 150 PAD BBL.-GAL. 3
TREATMENT: BBL.-GAL. _____ DISP. BBL.-GAL. 15 3/4
CEMENT SLURRY: BBL.-GAL. 45 1/2
TOTAL VOLUME: BBL.-GAL. 6 1/4
REMARKS See Job log
Thank You, Scott, Jerry, Glen

CUSTOMER: Nationa Petroleum Leases
LEASE: Epler "A"
WELL NO. 1
JOB TAG: Cmt Surt Csmg
DATE: 3/28/91