

MUST BE TYPED

SIDE ONE

ORIGINAL

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

Operator: License # 9482

Name: National Petroleum Reserves, Inc.

Address 250 North Rock Road - Suite 130

City/State/Zip Wichita, KS 67206

Purchaser: EOTT-Oil LIMEN-Gas

Operator Contact Person: Ted G. Bredehoft

Phone (316) 681-3515

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Ken LaBlanc

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workovers:

Operator: NEW 17 1999

Well Name: CONFIDENTIAL

Comp. Date Old Total Depth

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

05-13-99 05-21-99 05-22-99
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22584 0000

County Barber County, Kansas

E/2- NW - NE - Sec. 25 Twp. 31 Rge. 12 XXW

760 Feet from S (circle one) Line of Section

1790 Feet from E (circle one) Line of Section

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

Lease Name Rucker Well # 1

Field Name Whelan West

Producing Formation Miss Osage

Elevation: Ground 1525 KB 1536

Total Depth 4375' PBDT 4250'

Amount of Surface Pipe Set and Cemented at 4374' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan AH.1, 8-25-99 v.c.
(Data must be collected from the Reserve Pit)

Chloride content 8,000 ppm Fluid volume 250 bbls

Dewatering method used natural dehydration in pre-
approved off-site reserve pit.
Location of fluid disposal if hauled offsite:

Operator Name NPR Inc

Lease Name Rucker License No. 9482

NE Quarter Sec. 25 Twp. 31 S Rng. 12 E/W

County Barber Docket No. na

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 President Date 8/11/99

Subscribed and sworn to before me this 11 day of August, 19 99.

Notary Public [Signature]

Date Commission Expires 5-13-2001

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

RELEASED

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-13-2001

MAY 13 2000

Form ACO-1 (7-91)

FROM CONFIDENTIAL

X

Operator Name National Petroleum Reserves, Inc. Lease Name Rucker Well # 1

Sec. 25 Twp. 31 Rge. 12 East West
 County Barber County, Kansas

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.)
 List All E.Logs Run:
 SEE ATTACHMENTS

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Elgin Sand Stone	3369	-1834	
Oread	3453	-1918	
Heebener	3496	-1961	
Douglas Sh.	3541	-2006	
Upr. Doug. SS	3543	-2008	
Lwr. Doug. SS	3646	-2111	
Lansing	3683	-2148	
Cherokee	4230	-2695	
Miss. Osage	4244	-2709	
T.D.	4375	*****	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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
Conductor	17-1/2"	13-3/8"	48#	70'	A-con	100	3%cc
Surface	12-1/4"	8-5/8"	20#	266'	60/40 Poz	160	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	4374'	EA-2 60/40 Poz	125 25	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
two (2)	4254-4274	1500 gal. 7.5% NE acid	btm 4274
"	" "	Frac 77,763 gal Delta gel &	
		157,820# sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4317	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.		Producing Method <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
7/27/99					
Estimated Production Per 24 Hours	Oil 8.35 Bbls.	Gas 455 Mcf	Water 40 BWPD	Gas-Oil Ratio 54,491/1	Gravity 33°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____
 Production Interval _____

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(DST 1) 3366 - 3377 (Elgin Sand)

Times: 30-30-60-75

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1st open: strong blow OBOB in 30 seconds, NO GTS

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2nd Open: <u>time</u>	<u>orifice</u> (Merla)	<u>PSIG</u> (inches of Water)	<u>volume</u>
15"			Gas to Surface
20"	1/8 inch	6 in.	1.290 MCFG
30"	1/8 inch	34 in.	3.080 MCFG
40"	1/8 inch	44 in.	3.500 MCFG
50"	1/8 inch	48 in.	3.600 MCFG
55"	1/8 inch	50 in.	3.730 MCFG
60"	(took gas sample)		

Rec: 40' Muddy Water
40' Slightly Muddy Water
 80' Total Fluid

Chlorides of Pit Mud (MUD-CO): 5,000 PPM
 Chlorides of Formation Water: 64,000 PPM

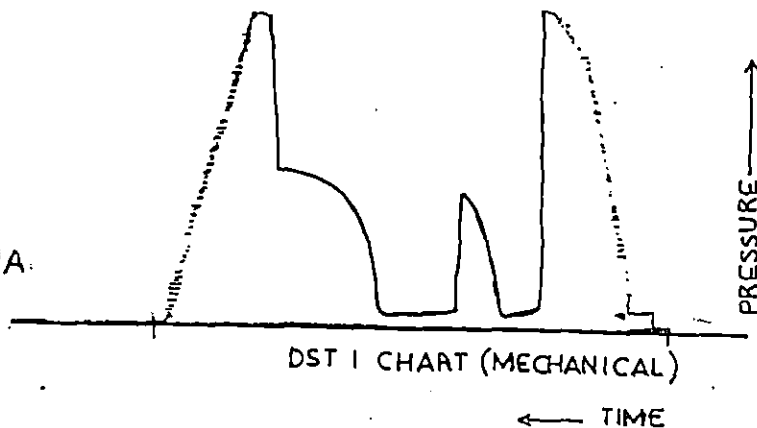
AK-1 (mechanical)	Alpine (electronic)	-- RECORDERS
IHYD: 1535 psi	IHYD:	
IFP: 117-39 psi	IFP:	
IBHP: 667 psi	IBHP: (INVALID DATA)	
FFP: 107-48 psi	FFP:	
FBHP: 779 psi	FBHP:	
FHYD: 1530 psi	FHYD:	

TEMP: 104 degrees F

Tester: Gene Budig, Superior Testers Enterprises, Inc. Great Bend, KS

Note: conventional DST (dual packers, safety joint, jars, electronic recorders)
NO BOTTOM SAMPLER or circulating sub

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Straddle Test
~~DST 2~~ 3401-3420 (Elgin Sand)
RTD at 3470

TIMES: 30-60-30-60

1st open: fair blow OBOB in 2 minutes, NO Gas to Surface
(NO BLOW BACK)

2nd open: fair blow OBOB in 8 minutes, No Gas to Surface
(NO BLOW BACK)

REC: NO GAS in Pipe or OIL SHOWS

275' Slightly Mud & Gas Cut Water
1000' Slightly Gas Cut Salt

1275' TOTAL FLUID

Chlorides of Pit Mud (Mud-CO): 6,000 PPM

Chlorides of Formation Water : 88,000 PPM

Recorders --) AK1
(mechanical)

IHYD: 1601
IFP: 175-380
IBHP: 789
FFP: 535-629
FBHP: 789
FHYD: 1488

TEMP: 107 degrees

Tester: Gene Budig, Superior Testers Enterprises, Inc. Great Bend, Kansas

Note: (dual packers, safety joint, jars), BOTTOM PACKER HELD, NO BOTTOM SAMPLER,
ELECTRONIC RECORDERS or circulating sub

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DST 3) 4226-4272 (Miss. Osage Chert)

TIMES: 15-30-45-60

1st open: weak blow built to 8 inches in bucket decreased to 6 inches
(NO BLOW BACK)

2nd open: NO BLOW IN BUCKET, flushed test tool 5-6 times, each time
surging blow to died in bucket
(NO BLOW BACK)

REC: NO GAS in Pipe or OIL SHOWS

60'	Slightly Gas Cut Mud
80'	Mud
<hr/>	
140'	TOTAL FLUID

Chlorides of Pit Mud (Mud-CO): 7,000 PPM

Recorders --) AK1
(mechanical)

IHYD:
IFP:
IBHP: (INVALID DATA - TEST TOOL PLUGGED
FFP: OFF, chert frags plugging tool)
FBHP:
FHYD:

TEMP: degrees

Tester: Gene Budig, Superior Testers Enterprises, Inc. Great Bend, Kansas

Note: (dual packers, safety joint, jars), BOTTOM PACKER HELD, NO BOTTOM SAMPLER,
ELECTRONIC RECORDERS or circulating sub

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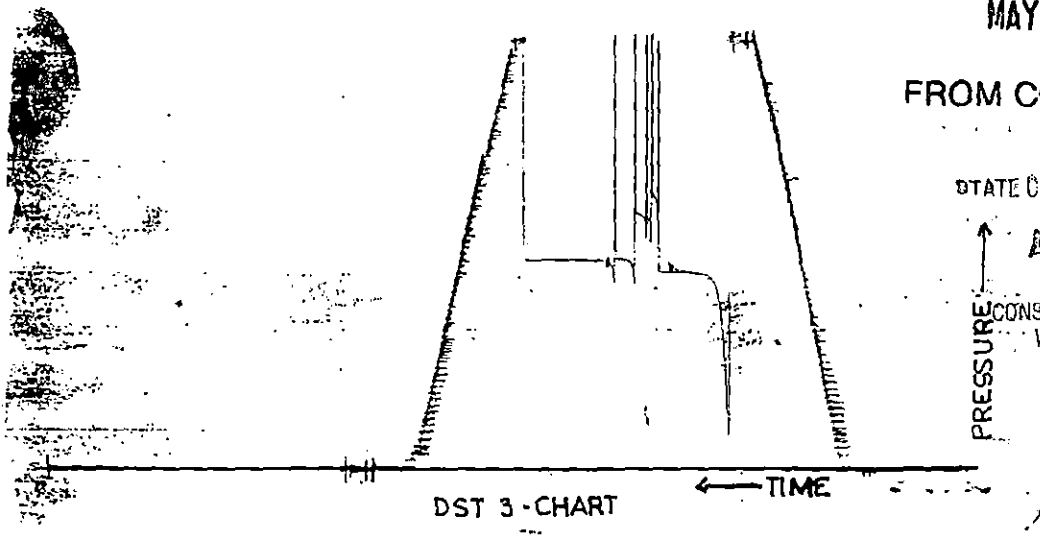
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DST 4) 4228 - 4300 (Miss. Osage Chert)

Times: 30-30-60-75

1st open: strong blow OBOB in 30 seconds, GTS/11"

<u>time</u>	<u>orifice</u> (Merla)	<u>PSIG</u> (inches of Water)	<u>volume</u>
11"			Gas to Surface
15"	1.0 inch	10 in.	81.600 MCFG
20"	1.0 inch	10 in.	81.600 MCFG
25"	1.0 inch	11 in.	85.900 MCFG
30"	1.0 inch	12 in.	89.800 MCFG

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2nd open:

<u>time</u>	<u>orifice</u> (Merla)	<u>PSIG</u> (inches of Water)	<u>volume</u>
10"	1.0 inch	17 in.	106.000 MCFG
20"	1.0 inch	16 in.	103.000 MCFG
30"	1.0 inch	16 in.	103.000 MCFG
40"	1.0 inch	17 in.	106.000 MCFG
50"	1.0 inch	17 in.	106.000 MCFG
60"	1.0 inch	18 in.	110.000 MCFG

Rec: 105' MUD w/rainbow show oil

Chlorides of Pit Mud (MUD-CO): 8,000 PPM

AK-1 (mechanical)	Alpine (electronic)	-- RECORDERS
IHYD: 2078 psi	IHYD: 2078	
IFP: 89-96 psi	IFP: 89-96	
IBHP: 959 psi	IBHP: 959	
FFP: 91-112 psi	FFP: 91-112	
FBHP: 952 psi	FBHP: 952	
FHYD: 2050 psi	FHYD: 2050	

TEMP: 105 degrees F

Tester: Gene Budig, Superior Testers Enterprises, Inc. Great Bend, KS

Note: conventional DST (dual packers, safety joint, jars, electronic recorders)
NO BOTTOM SAMPLER or circulating sub

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Wichita, Kansas

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INVOICE NO.	Subject to Correction			FIELD ORDER	01343
Date	5-14-99	Lease	Racker	Lease No.	
Customer ID		Station	Pratt, KS	County	Barber
		State	KS	State	KS
		Depth	73	Formation	
		Casing	13375	Casing Depth	
		TD	73	Legal Description	25-31-12
		Job Type			1398 Cond. Newwell
		Customer Representative	Joe Livingston	Treater	D Scott

CHARGE

AFE Number	PO Number	Materials Received by	X Joe Livingston
------------	-----------	-----------------------	------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
		GALS. ACID				
		GALS. ACID				
		GALS. ACID				
		GALS. INHIBITOR		KCC		
		LBS. KCL				
		GALS. SURFACTANT				
		GALS. ADDITIVE		CONFIDENTIAL		
		BALL SEALERS				
		LBS. GEL				
		LBS. SAND				
		LBS. SAND				
		LBS. PUMP CHARGE				
D200	200SK	A-Con				
C192	43hb	FLA-1				
C195	22hb	Cellflake				
E107	100SK	Cement Service Charge			RELEASED	
E104	128tm	Bulk Delv per T.M.			MAY 15 2000	
					FROM CONFIDENTIAL	
R200	1ea	0-300' Cmt. Pumper PRESSURE ACID PUMP				
		BALL INJECTOR				
		HHP				
		BPM BLENDER				
E100	1ea	UNITS 1way MILES 30			RECEIVED	
		TONS MILES SAND			STATE CORPORATION COMMISSION	
					AUG 12 1999	
		Bid Price =	1349.59		CONSERVATION DIVISION	
		+ Taxes			Wichita, Kansas	

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TREATMENT REPORT

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00744



Customer ID	Date
Customer: WPR	5-14-99
Lease: Rucker	Lease No.
	Well # 1

Field Order # 01343	Station Pratt KS	Casing 13.375	Depth 70	County Barber	State KS
Type Job 13 3/8 Conductor	Formation	Legal Description 23 31 12			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size	Shots/Ft		Acid (MT 100SK's A-Con)		RATE	PRESS	ISIP
Depth 70'	Depth	From	To	Pre Pad 14.0ppg 1.30ft ³	Max		5 Min.	
Volume	Volume	From	To	Pad 10' left shoe JT	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush: H ₂ O	Gas Volume		Total Load	

Customer Representative Joe Livingston	Station Manager	Treater D Scott
--	-----------------	-----------------

Service Units	106	23	33	70				
---------------	-----	----	----	----	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2000					Called Out
2200					On loc w/Trk's Safety Mtg
					Rig Drlg
					Rig up Trk's
0145	150		10	1	Break Circ w/Trk
0150	200			3	St mixing Cmt @ 14.0 ppg 100sk's
0156	0		23.1	0	Finish mixing Cmt
0157	100			3	St Disp w/H ₂ O
0200			9.2	0	Disp Pumped
					Chose In w.H.
					Circ 2 Bbls Cmt = 0 SK's
					Jetted Cellar Good Cmt

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Job Complete
Thank you
Scotty

CONSERVATION DIVISION Wichita, Kansas

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HALLIBURTON®

Halliburton Energy Services, Inc.

Continuation

Invoice No.	Date
90054006	05/18/1999

Number	Description	QTY	U/M	Unit Price	Amount
100003137	PLUG,CMTG, TOP,WOODN,8 5/8 IN 24-36# X 9 Discount : \$47.50- 401.4221 PLUG - CMTG - TOP - WOODEN - 8-5/8 IN.	1	EA	95.00	95.00
15075	SBM 40/60 POZ PREMIUM Discount : \$854.40- 504-137	160	SK	10.68	1,708.80
100005053	CALCIUM CHLORIDE,HI TST PELLETT,94-97% Discount : \$117.25- 509-406890.50812 CALCIUM CHLORIDE - HI TEST PELLETT -	5	SK	46.90	234.50
100005049	FLOCELE- 3/8 - 25# SACK Discount : \$41.80- XXXXXXX 890.50071 FLOCELE - 3/8 - 25 LB SACK	40	LB	2.09	83.60
3965	HANDLE&DUMP SVC CHR, CMT&ADDITIVES,ZI Discount : \$146.91- With the following configuration: NUMBER OF EACH 500-207	177	CF	1.66	293.82
3975	MILEAGE,CMTG MTL DEL/RETURNED,ZI Discount : \$453.13- 500-306	725	TMI	1.25	906.25

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CONSERVATION DIVISION
Wichita, Kansas

Terms: If customer does not have an approved open account with Halliburton, all sums 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 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 amount, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

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CONFIDENTIAL 5/29/99



Halliburton Energy Services, Inc.

Remit to: P.O. Box 951046
Dallas, TX 75395-1046

INVOICE

Site/Well Address: NPR RUCKER #1, BARBER RUCKER * MEDICINE LODGE KS 67104	DIRECT CORRESPONDENCE TO: P.O. Box 1598 Liberal, KS 67905-1598 (316) 624-3879	Invoice No.	Date
		90054006	05/18/1999
		Customer PO No.	Date
		N/A	
		Delivery No.	Date
		80082624	05/17/1999
		Order/Ticket No.	Date
		67151	05/14/1999
		Shipping Point	Manual Ticket No.
		LIBERAL Shipping Poi	
		Service Location	Customer No.
		Liberal, KS, USA	304054
		Payment Terms	Payment Due Date
		Cash on delivery	05/18/1999

TO:
NATIONAL PETROLEUM RESERVES
250 N ROCK ROAD SUITE 130
WICHITA KS 67206
USA

Reference Number	Description	QTY	U/M	Unit Price	Amount
7521	PSL-CMT Cement Surface Casing BOM JP010 253' 8 5/8" ; 160 SKS.	1	JOB		
1	MILEAGE FROM NEAREST HES BASE, UNIT, ZI Discount : \$182.50- With the following configuration: Number of Units 000-117	100	MI	3.65	365.00
2	MILEAGE FOR CEMENTING CREW, ZI	100	MI	1.83	182.50
11	CSG PUMPING, 0-4 HRS, ZI Discount : \$815.00- With the following configuration: CHARGE BY FT OR RANGE OF FEET 001-016	1	UN	1,630.00	1,630.00
132	PORTABLE DAS, DAY/JOB, ZI Discount : \$380.00- With the following configuration: NUMBER OF DAYS 045-050	1	JOB		
		1	Days		

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LOG

ORDER NO. 70006

TICKET #	TICKET DATE
NWA/COUNTRY	BDA / STATE
EMPLOYEE NAME	PSL DEPARTMENT
COMPANY	CUSTOMER REP / PHONE
WELL TYPE	API / UWI #
DEPARTMENT	JOB PURPOSE CODE
SEC / TWP / RNG	

(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
10 1/2			
10 1/2			
10 1/2			
10 1/2			

HART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0300							Called out for job.
	0730							On loc rig waiting on conducting cm +
	1050							Start RCLP
	1530							Start SBPP
	1600							out of hole w/OP
	1620							Start 8 3/4 C.S.J.
	1657							C.S.J. on Bott Hook up 8 3/4 P.C. & lift iron
	1703							ble circ w/11.8
	1704							circ to pit
	1708							Thru. circ Hook from 20 ft.
	1710							PSI test 2100
	1715	5.5	36			200		PUMP 1600 ft from 6 3/4 in + 14.4"
	1722	0	36			0		Shut down RCLP P147
	1723	6.0	16.5			130		Pump disp.
	1727	6.0	16.5			100		10 bbls in cm + to pit ✓
	1729	0	16.5			60		Shut down Leave 15 ft cm + in c.s.j.
	1730	0	16.5			60		Shut in P.C. w/60 PSI
	1730							Job over

Thanks for calling H.E.J.

Liberal KS

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Free State & Crew AUG 12 1999

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CONSERVATION DIVISION
Wichita, Kansas

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Halliburton Energy Services, Inc.

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ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
140	3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI				
	Hugoton, KS, USA		177.00	CF	1.66	293.82
			177.00	CF	0.83-	146.91-
			177.00	CF	0.83	146.91
		500-207				
		With the following configuration:				
		NUMBER OF EACH	177	each		
150	3975	MILEAGE,CMTG MTLs DEL/RETURNED,ZI				
	Hugoton, KS, USA		725.0	TMI	1.25	906.25
			725.0	TMI	0.63-	453.13-
			725.0	TMI	0.62	453.12
		500-306				
		INVOICE AMOUNT				3,038.48
		Sales Tax - State				81.40
		Sales Tax - County				0.71
		Sales Tax - City/Loc				16.61
		INVOICE TOTAL - PLEASE PAY THIS AMOUNT				3,137.20
						US Dollars

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HALLIBURTON ORDER NO: 67151 Cont. NATIONAL PETROLEUM

Page 2 of 3

ORIGINAL

Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
		CHARGE BY FT OR RANGE OF FEET	240	ft		
50	132	PORTABLE DAS,/DAY/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	760.00	760.00
			1.00	JOB	380.00-	380.00-
			1.00	JOB	380.00	380.00
		045-050				
		With the following configuration:				
		NUMBER OF DAYS	1	Days		
60	100003137	PLUG,CMTG, TOP, WOODN, 8 5/8 IN 24-36# X 9				
	Liberal, KS, USA Hwy 54 West		1.00	EA	95.00	95.00
			1.00	EA	47.50-	47.50-
			1.00	EA	47.50	47.50
		401.4221				
		PLUG - CMTG - TOP - WOODEN - 8-5/8 IN.				
80	15075	SBM 40/60 POZ PREMIUM				
	Hugoton, KS, USA		160.00	SK	10.68	1,708.80
			160.00	SK	5.34-	854.40-
			160.00	SK	5.34	854.40
		504-137				
120	100005053	CALCIUM CHLORIDE, HI TST PELLETT, 94-97%				
	Hugoton, KS, USA		5.00	SK	46.90	234.50
			5.00	SK	23.45-	117.25-
			5.00	SK	23.45	117.25
		509-406890.50812				
		CALCIUM CHLORIDE - HI TEST PELLETT -				
		FLOCELE- 3/8 - 25# SACK				
	00005049		40.00	LB	2.09	83.60
	Hugoton, KS, USA		40.00	LB	1.05-	41.80-
			40.00	LB	1.05	41.80
		XXXXXXXX 890.50071				
		FLOCELE - 3/8 - 25 LB SACK				

RECEIVED
STATE CORPORATION COMMISSION
AUG 12 1999
CONSERVATION DIVISION
Wichita, Kansas

KCC
MAY 13 1999
CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

FROM CONFIDENTIAL
MAY 13 2000
RELEASED

CONFIDENTIAL

ORIGINAL



CHARGE TO: National Petroleum Reserves
 ADDRESS:
 CITY, STATE, ZIP CODE: Wichita, Ks

RECEIVED REPAIRATION COMMISSION

AUG 12 1999

TICKET No. 1330
 PAGE 1 OF 2

SERVICE LOCATIONS: 1. Ness City, Ks WELL/PROJECT NO. #1 LEASE: Ructor COUNTY/PARISH: Barber STATE: Ks CITY: Ness City, Ks DATE: 5-22-99 OWNER: Same

2. TICKET TYPE: SERVICE SALES CONTRACTOR: Duka Drla Rig #5 RIG NAME/NO.: Rig #5 SHIPPED VIA: Medicine Lodge ORDER NO.:

3. WELL TYPE: Oil WELL CATEGORY: Development JOB PURPOSE: new well - long string WELL PERMIT NO.: WELL LOCATION: 13-N & E of Medicine Lodge

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE 103	5	mi			2.00	10.00
576		1			Pump Service	4	hr	4300	fl	1200.00	1200.00
280		1			Super Flush (Flechet 31)	500	gal			1.50	750.00
407		1			grade (Shoe) Insert Float	1	ea	4 1/2	in	180.00	180.00
406		1			Latch down plug & Baffle	1	ea	4 1/2	in	190.00	190.00
402		1			Centralizer	6	ea	4 1/2	in	30.00	180.00
403		1			Cement Basket	1	ea	4 1/2	in	100.00	100.00
299		1			Rotating Head	1	ea			100.00	100.00
221		1			Liquid KCl	2	gal			19.00	38.00
					See Continuation Page						

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED: 5-22-99 TIME SIGNED: 08:30 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<u>2948.00</u>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				Continuation Page	<u>1741.25</u>
WE UNDERSTOOD AND MET YOUR NEEDS?				TAX	<u>4489.25</u>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TOTAL	<u>0</u>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
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.

SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

RELEASED
 MAY 13 2000
 FROM CONFIDENTIAL

CONFIDENTIAL
 KCC
 13 1999
 CONFIDENTIAL
 ORIGINAL
 Thank You

CUSTOMER

National Petroleum

WELL NO.

12

LEASE

Rucker

JOB TYPE

Long string

TICKET NO.

1330

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	02:00							Called out
	08:30							On location w/ float equip
	11:00							Trks on location
								Start 4 1/2" csg
								Insert Float shoe w/ auto Fill
								Latch down plug baffles
								6 centralizer on 1st 6 collars
								1 cement Basket on joint #5
								Csg on bottom / drop ball
								Hook up to circulate
								Started circulating
								Started rotating
								Done circulating
								Pump 500 gal Super Shock
								2 bbl fresh water before & After
								Plugged mouse hole w/ 10#
								Plugged rat hole w/ 15#
								Started down csg w/ cnd
								125 stc CA-2 w/
								5# Gilsaite & 2 CFR-2
								Done mixing cnd
								Washed out pump & lines
								Started displacement
								Done w/ displacement
								Latched plug at 1200 PSI
								Released pressure - flowed b/c
								Relatched plug at 1100 PSI
								Released pressure - latch
								down plug held
								Plug down at 2:30 PM
								Washed up
								Rechecked
								Job completed
								Thanks
								Jed

15.30

800
1200
300
1600
0

RELEASED
MAY 13 2000
FROM CONFIDENTIAL