## Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

AUG - 9 2001

Release KCC WICHITA API No. 15 - 007-22641-0000 9482 Operator: License.# Name: National Petroleum Reserves, Inc. 1 6 2003 Barber County, Kansas N/2 S/2 NE/ $\frac{4}{\text{Sec.}}$  Sec.  $\frac{31}{\text{Twp.}}$  Twp.  $\frac{31}{\text{S. R.}}$  R.  $\frac{12}{\text{Last}}$  West Address: 250 N. Rock Road - Suite 130 From City/State/Zip: Wichita, Kansas Confidential 67206 1650 \_\_\_\_\_\_ feet from S / (N)(circle one) Line of Section 1490 \_\_\_ feet from E/ W (circle one) Line of Section Operator Contact Person: T.C. Bradehoft. Footages Calculated from Nearest Outside Section Corner: Phone: (316) 681-3515 (circle one) (NE) ease Name: Hall! Contractor: Name: Duke Drilling Co., Inq Medicine River License: Wellsite Geologist: Paul Gunzelman Producing Formation: Douglas Sandstone (Lwr) Elevation: Ground: 1528 Kelly Bushing: 1536 Designate Type of Completion: Total Depth: 4599 Plug Back Total Depth: 4130 New Well \_\_\_\_\_ Re-Entry KCC ..... Workover \_\_\_\_\_ SWD \_\_\_\_ SIOW \_\_\_ \_\_Temp. Abd Amount of Surface Pipe Set and Cemented at \_\_\_\_ Feet AIIG 0 7 2001 X Gas \_\_\_\_\_ ENHR \_\_\_\_ SIGW Multiple Stage Cementing Collar Used? Yes X No \_\_\_\_ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, et**CONFIDENTIAL**If yes, show depth set \_\_\_ If Workover/Re-entry: Old Well Info as follows: If Alternate II completion, cement circulated from. Operator: Well Name: \_\_\_ Drilling Fluid Management Plan All 1 el 4.16.03 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_ (Data must be collected from the Reserve i \_\_\_\_\_ Deepening Re-perf. \_\_\_\_Conv. to Enhr./SWD Chloride content 7,000 ppm Fluid volume 160 Plug Back Total Depth \_\_\_\_\_ Plug Back \_\_\_\_\_ Dewatering method used Clarke Corp hauled to their SWDW - - - Commingled Docket No.\_\_ Location of fluid disposal if hauted offsite: \_\_\_\_ Dual Completion Docket No.\_\_\_ Operator Name: Clarke Corp. \_ Other (SWD or Enhr.?) Docket No.\_\_ Lease Name: \_\_\_\_\_ License No.:\_\_\_\_ 05-18-01 04-11-01 04 - 21Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date County: \_\_\_\_\_ Docket No.:\_\_\_\_ 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 of 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. KCC Office Use ONLY \_\_\_\_ Date: <u>8 - 7 - 0 (</u> Letter of Confidentiality Attached Subscribed and sworn to before me this \_\_\_\_\_\_\_\_ \_day of August If Denied, Yes Date:\_ Wireline Log Received 2001 \_\_ Geologist Report Received SUSAN E BREDEHOFT NOTARY PUBLIC \_ UIC Distribution STATE OF KANSAS Date Commission Expires: <u>3-/3-05</u> My Appt. Exp. 3

Operator Name:	Mational Petr	roleum Reserve	s, Incase N	lame: Hall		Well #:	1
Sec. 31 Twp. 3	31 : S. R. 12	East West	County:	Barber C	ounty, Kans	as	
tested, time tool oper temperature, fluid rec	n and closed, flowing covery, and flow rate	and base of formations g and shut-in pressure is if gas to surface test final geological well site	s, whether shu , along with fina	t-in pressure reache	d static level, hydro	static press	ures, bottom hole
Drill Stem Tests Taker		X Yes No	* /	X Log Forma	tion (Top), Depth a	nd Datum	Sample
Samples Sent to Geo	logical Survey	🗓 Yes 🗌 No	-	Name Heebner		· Тор 3497	Datum -1961
Cores Taken Electric Log Run (Submit Copy)	· ·	Yes No		Stark Sh Mississippi Viola	an	4025 4180 4419	-2489 -2644 -2883
List All E. Logs Run:	Comp. Neutro	on/Den, D.I. P	.E., GR	Simpson Sar	id :	4504	-2968
		.me noe		1000 7 0 2001	· · · · · · · · · · · · · · · · · · ·		
	•		RECORD -conductor, surfa	New/ Weed)			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	· Weight	Setting	Type of Cement	# Sacis Useo	Type and Percent Additives
Surface	12-1/4"	8-5/8"	20#	346'	60/40 Poz	215	3%cc 2%gel
Production	7-7/8"	4-1/2"	10#	4579'	AA2	235	
-						<b>~</b> .	
		. ADDITIONAL	L CEMENTING	/ SQUEEZE RECORD	) _		
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Use	ed	Type and Pe	rcent Additives	5
—— Protect Casing —— Plug Back TD X— Plug Off Zone	4508-15	standard	1000		, , , , , , , , , , , , , , , , , , ,		
Shots Per Foot		N RECORD - Bridge Plui potage of Each Interval Pe			cture, Shot, Cement S mount and Kind of Male		rd . Depth
3624-3629(4)	3624-29	4 spf					
(4)	. 3632-34	4 spf	.,	500 gal.	7.5% NE/FE		
(4)	4508-15				10% MCA		
							, , , , , , , , , , , , , , , , , , , ,
-							
TUBING RECORD	Size 2 3/8"	Set At 3602	Packer At	Liner Run	Yes K No	ر کیارہ بعل میں آ	, 27, ( )
Date of First, Resumerd Pi		i	_	——————————————————————————————————————	·	, ,	1.1
Wait on Pipel: Estimated Production Per 24 Hours		ols. Gas	McI 5	Water 3.858t	<u> </u>	Othe S-Oil Ratio	Gravity
	METHODOGO	180 MCF	ל עז	BWPD			
Disposition of Gas	METHOD OF CO		Y− '	Production Interv	al ·	Remone	in all second
Vented X Sold [ (II vented, Sumit	Used on Lease ACO-18.)	Open Hole	Perl. [	Dually Comp	Commingled	7 - 4 - 5	

## Release

AUG - 9 2001



# DRILL STEM TEST REPORT

KCC WICHITA

Confidential

Hall #1

250 N.Rock Rd.Ste.130 Wichita KS 67206

31-31s-12w Barber Ks

Job Ticket: 14013

DST#:1

ATTN: Paul Gunzelman

Test Start: 2001.04.18 @ 03:42:00

#### GENERAL INFORMATION:

Time Tool Opened: 05:56:29

Formation: Deviated:

Douglas

No Whipstock: ft (KB)

KCC

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Time Test Ended: 11:02:00 3627.00 ft (KB) To 3641.00 ft (KB) (TVD) AUG 0 7 2001

Unit No: 13

Reference Elevations:

1536.00 ft (KB)

Total Depth: Hole Diameter:

Interval:

3641.00 ft (KB)

CONFIDENTIAL

1528.00 ft (CF)

7.88 inches Hole Condition: Poor

KB to GR/CF:

8.00 ft

Serial #: Press@RunDepth:

2342

Inside

3628.00 ft (KB

Capacity:

7000.00 psig

Start Date: <

233.23 psig @

End Date:

2001.04.18

Last Calib .:

2001.01.04

Start Time:

2001.04.18 03:42:00

End Time:

11:02:29

Time On Btm:

2001.04.18 @ 05:54:29

Time Off Btm:

2001.04.18 @ 09:05:59

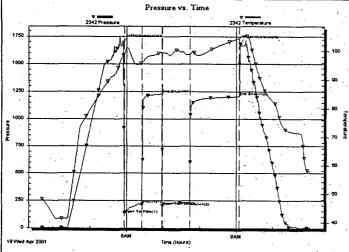
TEST COMMENT:

IF:Strong blow . GTS in 4 mins. (see gas volume report)

ISI:Weak to fair blow.

FF:Strong blow . (see gas vo;lume report)

FSI:Weak blow.



#### PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F) 133 1699.19 98.25 Initial Hydro-static 135 126.22 98.94 Open To Flow (1) 164 215.43 95.82 Shut-In(1) 196 1226.68 99.53 End Shut-In(1) 197 198.90 99.33 Open To Flow (2) 242 233.23 98.98 Shut-In(2) 323 1205.19 104.35 End Shut-In(2) 324 1691.22 104.52 Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas in all fluid free pipe.	0.00
90.00	MW 18%m 82%w Rw 0.13 ohms @ 60 deg.F.	1.26
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Barath gastaf

#### Gas Rates

	Choke(inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	21.00	556.71
Last Gas Rate	0.75	53.00	1059.96
Max. Gas Rate	0.75	53.00	1059.96

AUG - 9 2001



## DRILL STEM TEST REPORT

KCC WICHITA

melease

Hall #1

250 N.Rock Rd.Ste.130 APR 1 6 2003 Wichita KS 67206

31-31s-12w Barber Ks

Job Ticket: 14014

DST#:2

ATTN: Paul Gunzelman Confidential

From

Test Start: 2001.04.21 @ 01:53:00

### GENERAL INFORMATION:

Formation: Deviated:

Simpson Sd.

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Time Tool Opened: 04:29:04 Time Test Ended: 10:08:00 **KCC** 

Tester: Unit No:

Gary Pevoteaux

Interval:

4488.00 ft (KB) To 4514.00 ft (KB) (TVD) ALIG 0 7 2081

Reference Elevations:

1536.00 ft (KB)

Total Depth:

Press@RunDepth:

4514.00 ft (KB)

B to GR/CF:

1528.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Poor CONFIDENTIAL

8.00 ft

Serial #:

2342

Inside 170.20 psig @

4489.00 ft (KB)

2001.04.21

Capacity: Last Calib.: 7000.00 psig

Start Date: Start Time:

2001.04.21 01:53:35 End Date: End Time:

10:08:04

2001.01.04

Time On Btm:

2001.04.21 @ 04:27:34

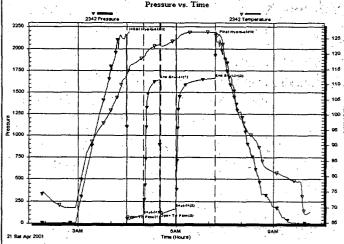
Time Off Btm:

2001.04.21 @ 07:13:04

TEST COMMENT: IF:Strong blow . B.O.B. in 2 mins. GTS in 21 mins. (see gas volume report)

ISI:Fair blow . (8")

FF:Strong blow . (see gas volume report) FSI:Strong blow . B.O.B. in 8 mins.



		P	RESSUR	E SUMMARY
. 1	Time	Pressure	Temp	Annotation
. 1	(Min.)	(psig)	(deg F)	
	154	2151.82	112.65	Initial Hydro-static
	156	39.86	113.19	Open To Flow (1)
	186	97.77	118.97	Shut-In(1)
	216	1646.82	122.83	End Shut-In(1)
emp	217	105.74	122.76	Open To Flow (2)
Temperature	246	170.20	124.57	Shut-In(2)
	318	1666.21	126.91	End Shut-In(2)
	320	2123.87	126.84	Final Hydro-static
ı				
ı				

#### Recovery

Length (ft)	Description	*	Volume (bbl)
0.00	Gas in all fluid free pipe.		0.00
120.00	GOCM 32%g 18%o 50%m		1.68
60.00	GMCO 20%g 10%m 70%o		0.84
255.00	Gassy clean oil 18%g 82%o		3.58
		!	

## Gas Rates

	Choke(inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.00	24.60
Last Gas Rate	0.25	3.00	27.79
Max. Gas Rate	0.25	3.00	27.79

E-104 2757M TONS MILES  Z-201 IEA EA 349 PUMP CHARGE  STUCIALTED PLUE - 3,224.98  + TAXES	第三	, . , .							
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CONFIDENTIAL  CO			Date Maria 201	Lease / /		Well #	/ L	=====================================	S-17/.1
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			+ TAXES	ν,					
10244 NE Hiway 61 ● P. O. Box 8613 ● Pratt. KS. 67124-8613 ● Phone (316) 672-1201 ● FAX (316) 672-5383									· 

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default 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 cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, 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, attorney's 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 of 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 amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

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 ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether 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 ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, 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, ACID SERVICES, LLC 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 ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC 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. Acid Services LLC's liability and Customer's exclusive remedy in and 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 in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. 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 service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC 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 manager of ACID SERVICES, LLC.

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10244	NE Hiway 61 • P	O. Box 8	613 • Prati	t. KS 67124	-8613 • Pho	ne (316) (	672-1201 •	FAX.(	316) 67.	2-5383		TOTA	i	:			

TOTAL

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default 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 cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, 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, attorney's 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 of 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 amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

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 ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether 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 ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, 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, ACID SERVICES, LLC 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 ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC 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. Acid Services LLC's liability and Customer's exclusive remedy in and 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 in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. 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 service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC 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 manager of ACID SERVICES, LLC.

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TICKET

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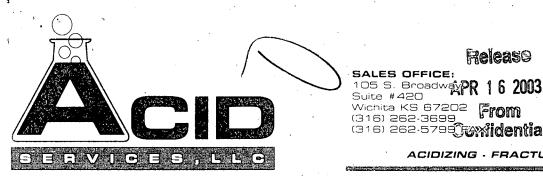
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APPROVAL

SWIFT Services. Inc.

WELL NO. HALL SQUEDE PRES PRESSURE (PSI) VOLUME DESCRIPTION OF OPERATION AND MATERIALS TUBING GOTADON LO Release APR 16 2003 23/8 x 41/2 (105) From PKR- 4326 Confidential PKRFS- 4508- 4517 0822 18 WITHE - BUTH - 90 THE - RUSHING GROS 500 0906 6 2 DUTCOTON PATE - FRESH WATER SPACE 450 0915 21 MOX CEMENT 21/2 START DISPACEMENT - DEB NOT WASH OUT ALL 0925 0 0 21/2 0 2,12 81/2 0928 500 21/2 09 29 11 AUG 0 7 2001 600 21/2 0931 900 CONLIDENTIAL CLANS 21/2 16.7 0931 900 0932 11/2 17 750 0933 18.6 800 LIND TOHE HOLDON PSE - SHUT EJ - WASH UP TRUCK 0940 425 PST UP SQUEEZE - HELD 0955 1200 1020 1200 RELEASE PST - HELD 1022 2,1 22 200 REVULSE OUT 1035 1200 RE-SET PHR - PST UP - HELD RELEASE PST - PULL PLE OUT WELL 95 SUS CONCUT DO PURFS TOC - 4448 + 1130 JOB COMPLETE THUK YOU RECEIVED WAYDE, DISTY SINDE AUG - 9 2001 KCC WICHITA KCC WICHITA



## Release

#### SALES & SERVICE OFFICE:

10244 NE Hiway 61 P.O. Box 8613 Pratt, KS 67124-8613

(316) 262-3699 (316) 672-1201 (316) 262-5799 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

## *Invoice*

Bill to:	NATIONAL PETRO RESERVES 250 N Rock Road, Suite 130		4080 4		Order         Order Date           3341         4/22/01           otion			
	WICHITA, KS 67206  AUG 0 7 2001  CONFIDENTIAL	Center	Leas Hall	<u> </u>	FIDENTIAL Well			
AFI				urchase O: der	Terms			
	Alan Walker T. Seba	New V	Vell	<u> </u>	Net 30			
<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<b>Quantity</b>	<u>Unit Price</u>	<u>Price</u>			
D204	AA2	SK	235	\$13.56	\$3,186.60			
D202	60/40 POZ FLA-322 ORIGINAL	SK	255	\$8.25	\$2,103.75			
C196	= · · · · · · · · · · · · · · · · · · ·	LB	111	\$7.25	\$804.75			
C322	GILSONITE	LB	1174	\$0.55	\$645.70			
C223	SALT (Fine)	LBS	1278	\$0.35	\$447.30			
C243	DEFOAMER	LB	23	\$3.00	\$69.00			
C313	GAS BLOK	LB	166	\$5.00	\$830.00			
F100	CENTRALIZER, 4 1/2"	EA	12	\$67.00	\$804.00			
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230,00			
F180	AUTO FILL FLOAT SHOE, 4 1/2"	EA.	1	\$230.00	\$230.00			
F110	BASKET, 4 1/2"	EA	2	\$180.00	\$360.00			
C302	MUD FLUSH	GAL .	500	\$0.75	\$375.00			
R701	CEMENT HEAD RENTAL	EA	. 1	\$250.00	\$250.00			
E107	CEMENT SERVICE CHARGE	SK	260	\$1.50	\$390.00			
E100	HEAVY VEHICLE MILEAGE - I WAY	MI	30	\$3.00	\$90,00			
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	365	\$1.25	\$456.25			
R210	CASING CEMENT PUMPER, 4501-5000'	EA	. 0	\$1,740.00	\$0.00			
				Sub Total:	\$11,272.35			
			,	Discount:	\$2,380.97			
	RECEIVED	Tax Rat	Discount	t Sub-Total: Taxes:	\$8,891.38 \$0.00			

AUG - 9 2001

(T) Taxable Item

Taxes: Total:

\$0,00 \$8,891,38

KCC WICHITA

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		INVOICE NO.	Subject	ct to Correction		FIELD	ORDER	03341			
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AFE Number		PO Number	Materials Received by	x Ar	190/1	elfie	$\sim$				
Product Code	QUANTITY	MATERIAL, EQUIPMENT and	SERVICES USED	UNIT PRICE	AMOU	NT	ACCO CORRECTION	DUNTING AMOUNT			
0-204	235 sh	AAZ CEMENT BI	END								
>202	25 SL	6040 POZ CEME	ENT	1			Final e	<b>୯</b> ଡ			
-196	111 16	FLA-322	·	K	C						
C-322	1,17415	GILSENITE		AUG C	7 2001		APKIO				
223	1,278 16	SAITLANDS					Froi				
<u> </u>	23 lb	Deformer		CONF!	DENTIAL		Confide	udai			
<u>C-313</u>	Ilde 1b	Gas Block Power					- COM	HOLATER			
F-100	12 EA	Tuebolszer 44				OF K	O LOUN	HILL NILL			
F-150	1 EA	LATCH DOWN Pluce				WHA	GINAL				
<del>- 180</del>	IEA	ALTO BU FLOOT,		<b></b>	ļ			J			
5. NO	ZEA	CMT BASKET	442	ļ	ļ						
-302	SOO GOI	Muof List									
3-701	IEA_	CEMENT HEAD K				ļ					
-107	ZW SL	CEMENT Stev. C	HDEGE	1							
				ļ				· · · · · · · · · · · · · · · · · · ·			
				<u> </u>		F-11 17-114	growth believe : A fe farm come.				
				<del> </del>		K	CEIVED				
			<del></del>				G - 9 2001				
								<u> </u>			
						- KC	WICHITA -				
E-100	30 miles	UNITS /WAY MILES									
5-104	365 TM	TONS MILES									
2-200	ICA		CHARGE								
, <u> </u>	1.5.0										
		DESCRITED PORC	E >		8,891	38					
		+ TAXES									
10244	NE Hiway 61 • F	P. O. Box 8613 • Pratt. KS 6712	4-8613 • Phone (316	672-1201 • FAX	(316) 672-538	3 тс	OTAL				

Q	<b>∂</b> ₹										IKE	AH	VIE	VIF	(EP	ORI	U.	52	0 ਰ	
· Of						Cu	stomer	D				1	Date		<del></del>					
						Cu	storper .	P.R.					O	4.2	26	51				
SER	VICES		LC			Les		Hall						lo.			Well#			
Field Order	Statio	on (	FRANT			<u>.</u>	-	Casing	1/2	Depthy	578'	7	County	1300	be	, , _		State	<b>%</b>	
Type Job	STRANG	N	en h					- <b>1</b>	Form					-	Lega	l Descrip	tion 3-2W	- 14	W	
PIPE DATA PERFORATING D						DA1	ΓΑ	F	LUID L	JSED				T			NT RESUME			
Casing Size Tubing Size		B Shots/Ft					Acid A 2'	< dL 1	SL AAZ				RATE	PRESS ISIP						
4578	Depth	Depth From		From				Pre Pad			alk	Max		rt	Helease 5 Min.					
Volume	Volume		From		То			i Pod .		60/92 PSZ				APR	16	2003	10 Min.			
Max Press	Max Pre	88	From				-	Frac   R'M ', I	naus	ic itsi	tS	Avg		_	Fro		15 Min.			
Well Connec	tion Annulus	Vol.										HHF	HHP Used GOT STORE				Annulus Pressure			
Plug Depth	Packer I	Depth	From		То			Flush Mu	ofles H		$\cup \cup v$		Volum	UTIO			Total Lo	Total Load		
CustomenRe	epresentative	KER				Statio	n Mana(	_	iTPY		UUI	)   	Treat	17	ise.	<b>3</b> 3				
Service Units			***	108		23	3 .	34	70		516	N								
Time	Casing Pressure							Rate		O	y ke			Service	æ Log		_			
01:00							0.7	0001	Collos out											
11:30						AUG	07	2001	asta w/ Tet's SAFETY MAG											
						COV	FIDE	NTIAL	ANTOFICE PLOST SHOE : LOTEH DOWN BOSFIE IT" 1											
									CEUTS ON UTS 1-3-7-8-9-10-11-20-22-24-25-26											
										CMT BISLOTS ON IT'S 2-21										
1w									CSG EN BOTTON PROP BALL											
<del>(</del>		ļ						C:	Beank Gec W/RAG											
433	200	ļ		,				5	STACE REMPSEUS PREHIUS HOS											
1.36	<del>                                     </del>			ه ا	<u>\</u> _			)	muo flus 1)											
1,37	(	<u> </u>		G					113 SPACTE											
4.38		1		5.5	<u>طو</u>			<u> </u>	Plula Rot; Maux Holes 255ks											
4.58	200							<u>55</u>	STORT MERSEX COMOLIT & 14.8 /60L											
5.63	<del> </del>			<del></del>				<del>)</del> —		Is Hon			4							
5,64	<del>  /</del>			۱.اع	7				SHUT DOWN Close Pump's LINKS											
5.05	-													<u></u>			<del></del> -		·	
5.07 5.09	2-2				_			~	BR	Lons	t P	144 P			F		time		<del>-</del>	
	200			<u> </u>		7			STACT OFSP  AUG - 9 2001											
<u>5:18</u> 5:24	350			5		<del></del>		<u>5</u> 2		LAST CMT AUG - 9 20101 PLA DOUN STEID KCC WICHITA										
,	1200			72								13	ΓĄ							
5.25	1000			12	فايا			1	ICAL.	TAST (	المادر	<u>√√2</u>	(4)	n 0 1	iTL	·T1	Innti	7.	327	
	1	L.	1						1		•	حيد	<u> </u>	<u>, 17 /1</u>	LVU	/ \^	1 - 1/1 - 1-1	10	ررر	