

1 040215

1-11 15-007-20298-0000

To: STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING SECTION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

API NUMBER 15-Drill Completion Date 5/2/75
NE SW NW, SEC. 22, T 30 S, R 13 W&E
3630 feet from S section line
4290 feet from E section line

TECHNICIAN'S PLUGGING REPORT

Operator License # 3125

Lease Name Grigsby Well # 2

Operator: The National Oil Company (Ohio)

County Barber 152.20

Name & Address 37 West Broad St., Suite 1100

Well Total Depth 4683 feet

Columbus, OH 43215

Conductor Pipe: Size _____ feet

Surface Casing: Size 8 5/8 feet 302

Abandoned Oil Well _____ Gas Well SWD Well _____ D&A _____

Other well as hereinafter indicated _____

Plugging Contractor Pratt Well Service License Number 5893

Address P.O. Box 847, Pratt, KS 67124

Company to plug at: Hour: 2:30 p.m. Day: 11 Month: 1 Year: 19 89

Plugging proposal received from Garr Roberts

(company name) National Oil Company (Ohio) (phone) 614-228-0326

were: 4 1/2" at 4515' Junk in hole = 2 3/8" tubing parted. Top at 2826'

Casing was shot off at 2380' but parted at 646' when trying to free up. Casing had a hole

in it at 646'. Perfs at 4039-44, 4298-4306, 4254-59, 4309-44'

Set cement retainer above tubing fish. Attempt to squeeze tubing and perfs through

retainer - high pressure.

Plugging Proposal Received by Steve Durrant
(TECHNICIAN)

Plugging Operations attended by Agent?: All Part _____ None _____

Operations Completed: Hour: 3 p.m. Day: 11 Month: 1 Year: 19 89

ACTUAL PLUGGING REPORT 1st plug pumped 50 sx 60/40 Pozmix 2% gel through tubing and cement retainer. Cement retainer is set at 2790'.

2nd plug pumped down 8 5/8" with 400 lbs. hulls and 200 sx cement. Ran 200 lbs. hulls ahead of cement and 200 lbs. hulls in with the first part of the cement.

Maximum pressure 1500 psi and shut in 1500 psi.

Remarks: Used 60/40 Pozmix 6% and 2% gel by Halliburton. Recovered 646' of 4 1/2" casing.
(If additional description is necessary, use BACK of this form.)

INVOICED

DATE 1-20-89
INV. NO. 23754

Signed Stephen J. Pfeifer
(TECHNICIAN)

15-007-20798-000
**BULK MATERIALS DELIVERY
 AND
 TICKET CONTINUATION**



FOR INVOICE AND
 TICKET NO. 722498

DATE 1-11-89	CUSTOMER ORDER NO.	WELL NO. AND FARM 2 GREGORY	COUNTY BARGER	STATE KS.
CHARGE TO NATIONAL OIL OF CHIO		OWNER NATIONAL OIL OF CHIO	CONTRACTOR No. B 798838	
MAILING ADDRESS		DELIVERED FROM GREAT BEND, KS.	LOCATION CODE 50320	PREPARED BY V. P. WILSON
CITY & STATE		DELIVERED TO LOCATION	TRUCK NO. 4604-820	RECEIVED BY DELO STOLE

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY	MEAS	QTY	MEAS		
				200 40% PORTLAND/60% CEMENT 6% GR						
504-308	516.00261	2	B	STANDARD CEMENT	120	BT			5.37	644.40
506-105	516.00286	2	B	PORTLAND	80	BT			2.75	220.00
506-124	516.00259	2	B	3 HALLIBURTON GEL 2% ADDED						80
507-277	516.00259	2	B	7 HALLIBURTON GEL 4% ADDED	680	LB			.13	88.40
THIS IS NOT AN INVOICE										

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 2-22-89
 CONSERVATION DIVISION
 WICHITA, KANSAS

		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
		SERVICE CHARGE ON MATERIALS RETURNED		CU. FEET			
500-207	2	SERVICE CHARGE				200	.95
500-306	2	Mileage Charge	10,232	12		100	.76
No. B 798838		CARRY FORWARD TO INVOICE			SUB-TOTAL		1,221.21

15-087-20298-0000



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

FOR INVOICE AND
TICKET NO. 722498

DATE 1-10-89	CUSTOMER ORDER NO.	WELL NO. AND FARM Grigsby #2	COUNTY Barber	STATE Ks.
CHARGE TO National Ohio	OWNER National Ohio	CONTRACTOR Pratt Well Service		B 798836
MAILING ADDRESS	DELIVERED FROM Great Bend, Ks.	LOCATION CODE 50320	PREPARED BY S.C. Henry	
CITY & STATE	DELIVERED TO Location	TRUCK NO. 1740-5621	RECEIVED BY <i>J.W.</i>	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY	MEAS	QTY	MEAS		
				50 40% Pozmix / 60% Cement						
504-308	516.00261	2	B	Standard Cement	20	sk			2.35	47.00
506-105	516.00286	2	B	Pozmix A	20	sk			2.39	47.80
506-121	516.00259	2	B	1 Halliburton Gel 2% allowed						00

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Wichita, Kansas

				TOTAL WEIGHT	LOADED MILES	TON MILES				
500-207	2	B		SERVICE CHARGE		CU. FEET				
500-306	2	B		Mileage Charge		CU. FEET	20	.95		19.00
				TOTAL WEIGHT	LOADED MILES	TON MILES				
					12	25.38		.70		17.77

NO. B 798836	CARRY FORWARD TO INVOICE	SUB-TOTAL	78.80
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HALLIBURTON SERVICES JOB LOG

WELL NO. 2 LEASE GRIGBY TICKET NO. 722 487
 CUSTOMER NATIONAL OFFICE PAGE NO. 1
 JOB TYPE PLUG TO ABANDON DATE 1/10/89

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							JOB READY
	0800							CALLED OUT FOR JOB
	0900							Pump truck on location
	0816							Look up to 91' CSG
	0820							Pump 30 BBL PREP WATER TO KILL WELL
								SILENT DOWN
								RUN 48 E25V TO BOTTOM
								SET E25V 2790
	1055							Pump 5 BBL 1500 MUD
	1100	3		✓			800'	MIX 50 SLS 49/83 PD CMT
	1101	3		✓			1200'	DISPLACE CMT MSL RETAINER
	1103					50'		SILENT DOWN
								STING OUT
	1107		10	✓	✓			TKY TANKING WELL
								Make lined
								11'9" DRAIN
								LOOK UP TO 811
			15				75'	START PUMPING
								COMMENCED
	1130							SILENT DOWN
								RELEASE TRUCKS
								(WELL PLUG 14" 1-12-89)
								1-11-89
	0530							CALLED OUT RELIN @ 0800
	0800							ON LOC - SET UP
	0820	3 1/2	15	✓	✓		150'	PUMP 15 BBL DOWN ANNULUS - PULL CSG
	1430			✓	✓		150'	START PUMPING MUDS
			0	✓	✓		150'	START MIXING CEMENT
		1	54.8	✓	✓		1500'	FINISH MIXING CEMENT
			44	✓	✓		1500'	PUMP HEAD BELLOWS
	1505			✓	✓		1500'	CSIP / JOB COMPLETE
								Thank you
								CALL AGAIN

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WICHITA, KANSAS

15-007-2098-0000
**WORK ORDER CONTRACT
 AND PRE-TREATMENT DATA**

ATTACH TO INVOICE & TICKET NO. 722492

DISTRICT PLATT KS

DATE 1-10-87

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

WELL NO. 2 LEASE GRIGSBY SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY BALCON STATE KS OWNED BY _____

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 <u>F2SV</u>	SET AT <u>2710</u>						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							SHOTS/FT.
INITIAL PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							
PRESENT PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU-TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

1/10 PLUG TO ABANDON THROUGH F2SV WITH 50 SKS 40/60 PPT, 28 GEL
1/11 KILL WELL W/ H2O DOWN 8 1/2" ANNUL.
1/11 PLUG TO ABANDON WITH 200 SKS 40/60 PPT 67% TOTAL GEL, 400' HALLS

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 lists.
 - (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
 - (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
 - (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
 - (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
 - (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
 - (g) To the extent permitted by law, waives the provisions of the Deceptive Trade Practices - Consumer Protection Act.
 - (h) 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.
 - (i) 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
 - (j) 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.
 - (k) 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.
 - (l) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
 - (m) Halliburton shall not be bound by any changes or modifications to this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

RECEIVED
 STATE OF KANSAS
 FEB 22 1987
 CONSERVATION DIVISION
 Wichita, Kansas

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED GARET BENTLEY CUSTOMER

DATE 1-10-87

TIME 0900 AM 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