

SIDE ONE

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

API NO. 15- 065-22,532-00-00

County Graham

NE SE SE Sec. 13 Twp. 10S Rge. 25 East West

990 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Ruder Well # 1

Field Name Unknown (High Hill West)

Producing Formation _____

Elevation: Ground 2402' KB 2407'

Total Depth 3950' P8TD _____

Operator: License # 9482

Name: National Petroleum Reserves, Inc.

Address 260 N. Rock Rd., Suite 215

City/State/Zip Wichita, KS 67206

Purchaser: _____

Operator Contact Person: Ted C. Bredehoft

Phone (316) -681-3515

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Howell Grenshaw

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp. Abd.
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:

Operator: _____

Well Name: _____

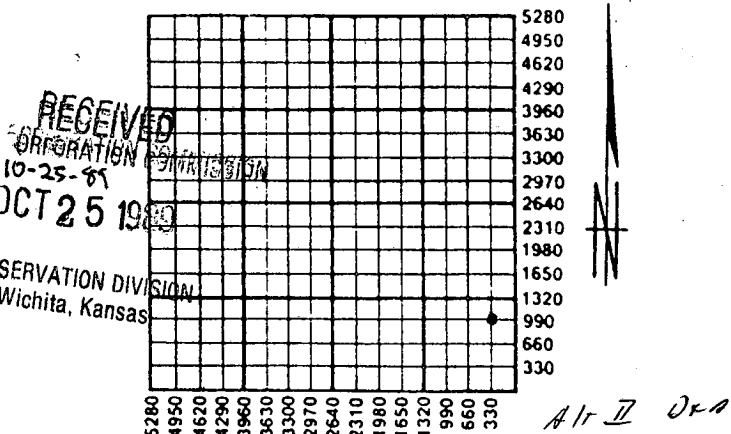
Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

8/7/89 8/14/89

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 255 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.

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/Treasurer Date 10/24/89

Subscribed and sworn to before me this 24th day of October, 1989.

Notary Public [Signature]

Date Commission Expires 5/13/93

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
MY COM. EXPIRES 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 Ruder Well # 1
 Sec. 13 Twp. 10S Rge. 25 East West
 County Graham

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) DST #1 (3730-3740) 30-30-30-30; SIP 551-540; FP 33-45; 45-45; 90'GIP; 30'SOCM 102' DST #2 (3822-3877) 15-15-0-0; SIP 415; FP 59-59; recovery: 15' mud; 110° DST #3 (3850-3920) 15-15-0-0; SIP 40; FP 39-39; recovery: 5' mud; 112°	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <th style="width:60%;"></th> <th style="width:20%; text-align: center;">Log</th> <th style="width:20%; text-align: center;">Sample</th> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td style="text-align: center;">2065</td> <td></td> </tr> <tr> <td>Topeka</td> <td style="text-align: center;">3461</td> <td></td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">3671</td> <td></td> </tr> <tr> <td>Toronto</td> <td style="text-align: center;">3695</td> <td></td> </tr> <tr> <td>Lansing</td> <td style="text-align: center;">3714</td> <td></td> </tr> <tr> <td>Base/Kansas City</td> <td style="text-align: center;">3940</td> <td></td> </tr> </tbody> </table>	Formation Description				Log	Sample	Name	Top	Bottom	Anhydrite	2065		Topeka	3461		Heebner	3671		Toronto	3695		Lansing	3714		Base/Kansas City	3940	
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CASING RECORD <input checked="" 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
Surface		8 5/8"	20#	255'	60-40 POZ	150	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

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

15-065-22532-00-00

DALLAS, TEXAS

HALLIBURTON SERVICES

INVOICE

WELL NAME (NO PLANT NAME)		WELL PLANT LOCATION		STATE	WELL PLANT NO.
RUDER 1		GRAHAM		KS	NATIONAL PETROLEUM RESERVES
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
OBERLIN		EMPHASIS DRG.		PLUG TO ABANDON	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	
623541	JACK A. FOX			COMPANY TRUCK	

NATIONAL PETROLEUM RESERVES
 260 N ROCK ROAD STE 215
 WICHITA, KS 67206

9/18/89

DIRECT CORRESPONDENCE TO:
 SUITE 600
 COLORADO DERBY BUILDING
 WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	45	MI	2.20	99.00
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	58.00	58.00
		1	EA		
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	1	HR	84.00	84.00
		1	TRK		
504-308	STANDARD CEMENT	114	SK	6.75	769.50
506-105	POZMIX A	76	SK	3.50	266.00
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
507-277	HALLIBURTON GEL ADDED 4%	6	SK	13.00	78.00
507-210	FLOCELE	50	LB	1.21	60.50
500-207	BULK SERVICE CHARGE	190	CFT	.95	180.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	389.03	TMI	.70	272.22
INVOICE SUBTOTAL					2,237.80
DISCOUNT-(BID)					336.30
INVOICE BID AMOUNT					1,901.40
*-KANSAS STATE SALES TAX					78.70
*-DECATUR COUNTY SALES TAX					18.50
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,998.60

RECEIVED
 STATE CORPORATION COMMISSION

UC 25 1989

CONSERVATION DIVISION
 Wichita, Kansas

Cement, plugging

TERMS INVOICES PAYABLE NET BY THE 10TH 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 COLLECTOR'S FEES AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

INVOICE
INVOICE



REMIT TO: P.O. BOX 951045

DALLAS, TX 75399

15-065-22532-00-00

INVOICE NO.	DATE
835717	01

WELL LEASE NO.		WELL LOCATION		STATE	WELL OWNER	
RUDEK 1		GRAHAM		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
HAYS		EMPHASIS		CEMENT SURFACE CASING		08/07/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE
623541	JACK D. FOX				COMPANY TRUCK	806

NATIONAL PETROLEUM RESERVES
260 N ROCK ROAD STE 215
WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	42	MI	2.20	92.40
		1	UNT		
001-016	CEMENTING CASING	257	FT	395.00	395.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	58.00	58.00
		1	EA		
504-308	STANDARD CEMENT	90	SK	6.75	607.50
506-105	POZMIX A	60	SK	3.50	210.00
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	25.75	103.00
500-207	BULK SERVICE CHARGE	158	CFT	.95	150.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	283.920	TMI	.70	198.74
INVOICE SUBTOTAL					1,814.74
DISCOUNT-(BID)					453.67
INVOICE BID AMOUNT					1,007.07
*-KANSAS STATE SALES TAX					40.45
*-HAYS CITY SALES TAX					4.77
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,406.29

RECEIVED
STAT CORPORATION COMMISSION
OCT 25 1989
CONSERVATION DIVISION
Wichita, Kansas

TERMS 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.

15-065-22532-00-00

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: National Petroleum Reserves, Inc.
260 N. Rock Rd., Suite 215
Wichita, KS 67206

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Ruder

WELL #1

LOCATION: NE SE SE
Section 13-10S-25W
Graham County, Kansas

LOGGERS TOTAL DEPTH: 3952'

ROTARY TOTAL DEPTH: 3950'

COMMENCED: 8/7/89

CASING: 8-5/8" @ 255' w/150 sks cement

ELEVATION: 2407' K.B.

COMPLETED: 8/14/89

STATUS: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil, Sand & Clay	80'	Red Bed	2500'
Shale	1101'	Top of Topeka	3461'
Dakota Sand	1198'	Top of Heebner	3672'
Red Bed	1632'	Top of Toronto	3695'
Cedar Hills Sand	1831'	Top of Lansing-Kansas City	3712'
Red Bed	2068'	Base of Kansas City	3941'
Anhydrite		R.T.D.	3950'

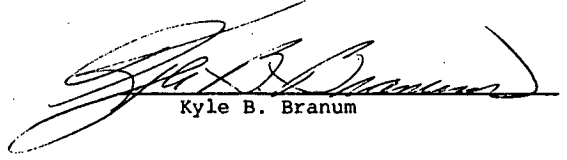
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STATE CORPORATION COMMISSION

UCL 25 1989

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

CONSERVATION DIVISION
Wichita, Kansas

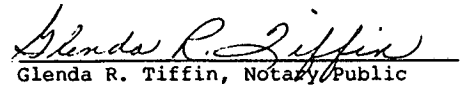
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.


Kyle B. Branum

Subscribed and sworn to before me on August 15, 1989.

My commission expires: February 6, 1992.

GLENDA R. TIFFIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-6-92


Glenda R. Tiffin, Notary Public