

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

ORIGINAL

API NO. 15- 101-21,606-0000

County Lane _____

Approx. NE - NW - SW - _____ Sec. 19 Twp. 19S Rge. 27 X W

2260 Feet from S/W (circle one) Line of Section

4240 Feet from E/W (circle one) Line of Section

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

Lease Name Haag Well # 1

Field Name W.C.

Producing Formation none

Elevation: Ground 2740' KB 2745'

Total Depth 4650' PBDT _____

Amount of Surface Pipe Set and Cemented at 296 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Brilling Fluid Management Plan *AIR II DPA*
(Data must be collected from the Reserve Pit)

Chloride content 7,000 ppm Fluid volume 120 bbls

Dewatering method used natural dehydration

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 9482

Name: National Petroleum Reserves, Inc.

Address 250 N. Rock Rd., Suite #340

City/State/Zip Wichita, KS 67206

Purchaser: _____

Operator Contact Person: Ted C. Bredehoff

Phone (316) -681-3515

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Dan DeBoer

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S16W
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

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. _____

11/5/91 11/13/91
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 *Ted C. Bredehoff*
Title President Date 1/6/92

Subscribed and sworn to before me this 6th day of January 19 92.

Notary Public *T.C. Bredehoff, II*

Date Commission Expires T.C. BREDEHOFF, II 6-30-95

NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-30-95

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

RECEIVED
ACTION COMMISSION

Distribution
KGS SWD/Rep NGPA
 Plug Other (Specify)

JAN 17 1992
1-17-92

CONSERVATION DIVISION ACO-1 (7-91)
WICHITA, KS

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

Sec. 19 Twp. 19S Rge. 27 East West County Lane

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: Radiation Guard Log

DST #1 4332-4420 30-30-15-0
 Rec: 10' drlg mud; IFP 50-50
 FFP 50-50 ISIP 58 FSIP none taken
 BHT 116°

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Anhydrite	2058	+687	
Heebner	3957	-1212	
Lansing	4003	-1258	
Stark	4272	-1527	
Pawnee	4470	-1725	
Ft. Scott	4518	-1773	
Cherokee	4538	-1793	
Mississippian	4609	-1864	

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
Surface	12 1/4"	8 5/8"	20#	289'	60/40 poz	195	2% gel

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. | Producing Method Flowing Pumping Gas Lift 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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

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

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Haag

WELL #1

LOCATION: Approx. NE NW SW
Section 19-19S-27W
Lane County, Kansas

LOGGERS TOTAL DEPTH: 4649'

ROTARY TOTAL DEPTH: 4650'

COMMENCED: 11/5/91

CASING: 8-5/8" @ 296' w/190 sks cement

ELEVATION: 2745' K.B.

COMPLETED: 11/13/91

STATUS: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Shale	300'	Lime	3000'
Sand & Shale	450'	Shale	3275'
Sand	1554'	Lime	3510'
Shale	1791'	Shale & Lime	3925'
Shale & Anhydrite	1980'	Lime	4090'
Shale & Lime	2365'	R.T.D.	4650'

RECEIVED

KANSAS CORPORATION COMMISSION

JAN 17 1992

1-17-92

CONSERVATION DIVISION

WICHITA, KS

STATE OF KANSAS)

) ss

COUNTY OF RUSSELL)

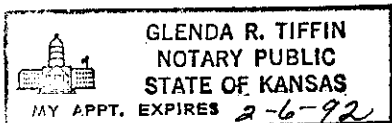
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

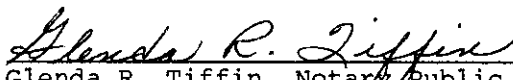

Kyle B. Branum

WICHITA, KS

Subscribed and sworn to before me on November 14, 1991.

My commission expires: February 6, 1992.




Glenda R. Tiffin, Notary Public



ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES

A Halliburton Company

INVOICE

12/12/91

INVOICE NO.	DATE
194930	11/06/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
HAAG 1	LANE	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
NESS CITY	EMPHASIS	CEMENT SURFACE CASING	11/06/1991		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
623541	JACK D. FOX			COMPANY TRUCK	25368

NATIONAL PETROLEUM RESERVES
250 N. ROCK RD.
SUITE 340
WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	31	MI	2.60	80.60
		1	UNT		
001-016	CEMENTING CASING	296	FT	475.00	475.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	90.00	90.00
		1	EA		
504-308	STANDARD CEMENT	117	SK	5.45	637.65
506-105	POZMIX A	78	SK	3.40	265.20
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-207	BULK SERVICE CHARGE	205	CFT	1.15	235.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	270.785	TMI	.80	216.63
INVOICE SUBTOTAL					2,132.08
DISCOUNT-(BID)					426.41-
INVOICE BID AMOUNT					1,705.67
*-KANSAS STATE SALES TAX					50.55
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$1,756.22

Correct - spec casing

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KANSAS CORPORATION COMMISSION

JAN 17 1992
1-17-92
CONSERVATION DIVISION
WICHITA, KS

TERMS INVOICES PAYABLE NET BY THE 28TH 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.



ORIGINAL

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
170415	11/13/1991

12/15/91

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HAAG 1		LANE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		EMPHASIS	PLUG TO ABANDON		11/13/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
623541	JACK D. FOX			COMPANY TRUCK	25645

NATIONAL PETROLEUM RESERVES
250 N. ROCK RD.
SUITE 340
WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	32	MI	2.60	83.20
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	1	HR	84.00	84.00
		1	TRK		
504-308	STANDARD CEMENT	153	SK	5.45	833.85
506-105	POZMIX A	102	SK	3.40	346.80
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	9	SK	14.75	132.75
507-210	FLOCELE	64	LB	1.30	83.20
500-207	BULK SERVICE CHARGE	277	CFT	1.15	318.55
500-306	MILEAGE CMFG MAT DEL OR RETURN	372.704	TMI	.80	298.16

INVOICE SUBTOTAL

2,550.51

DISCOUNT-(BID)

510.10

INVOICE BID AMOUNT

2,040.41

Comment, plug well

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 17 1992
117-92
CONSERVATION DIVISION
WICHITA, KS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$2,040.41

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.