

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

00-00 ORIGINAL

API NO. 15-023-20,350

County Cheyenne

- SW - SW - SW Sec. 34 Twp. 4S Rge. 37W X ^E _W

330' Feet from (S)N (circle one) Line of Section

330' Feet from (W)E (circle one) Line of Section

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

Lease Name FLEMMING Well # 1

Field Name Pianalto South

Producing Formation D&A

Elevation: Ground 3367' KB 3372'

Total Depth 4770' PBTD _____

Amount of Surface Pipe Set and Cemented at 356.63' 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.

Drilling Fluid Management Plan D&A JH 4-2-96
(Data must be collected from the Reserve Pit)

Chloride content 400 ppm Fluid volume 1100 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____
3-28-96

Lease Name _____ License No. _____
MAR 28 1996

Quarter Sec. 34 Twp. 4S Rng. 37W E/W

County _____ Docket No. _____

Operator: License # 9482

Name: National Petroleum Reserves

Address 250 N. Rock Rd.

Suite 130

City/State/Zip Wichita, Ks. 67206

Purchaser: _____

Operator Contact Person: Ted C. Bredehoff

Phone (316) 681-3515

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: DAN DEBOER

Designate Type of Completion

XX New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

X Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PBTD

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

12-22-95 1-2-96 1-3-96
Spud Date Date Reached TD Completion Date

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 Ted C. Bredehoff
Title President Date 3/26/96

Subscribed and sworn to before me this 26th day of March, 1996.

Notary Public T.C. Bredehoff, II

Date Commission Expires 7/31/99

T. C. BREDEHOFF, II
Notary Public - State of Kansas
My Appt. Expires 7-31-99

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)

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

Sec. 34 Twp. 4S Rge. 37W East County Cheyenne
 West

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: **COMPENSATED DENSITY
 DUAL INDUCTION**

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
B/Anhydrite	3125	+247	
Heebner	4184	-812	
Lansing	4234	-862	
Stark Sh.	4432	-1060	
Base/K.C.	4488	-1116	
Pawnee	4620	-1248	
Lwr Cherokee	4697	-1325	
RTD	4770		

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	12 1/4"	8 5/8"	20#	356.63'	60/40 pos	225 sks	2% gel, 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth		#Sacks Used	Type and Percent Additives
	Top	Bottom		
<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

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 <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

National Petroleum Reserves, Inc
#1 Flemming
SW SW SW 34, 4S-37W
Cheyenne Co., KS

ORIGINAL

15-023-20350

Drill Stem Tests

DST #1 4175-4295
30-30-45-45
Rec: 225' muddy water w/sl show of oil in tool
chl. 12,000 ppm
IH: 2132#
IFP: 110-132#
ISIP: 1232
FFP: 154-176#
FSIP: 1166#
FH: 2121#

DST #2 4355-4428
30-30-30-30
Rec: 15' oil spotted mud, GSO in tool
IH: 2198#
IFP: 55-55#
ISIP: 276#
FFP: 55-55#
FSIP: 198#
FH: 2187#

DST #3 4594-4622
20-20-20-20
Rec: 1' mud w/sl show oil in tool
IH: 2296#
IFP: 66-66#
ISIP: 66#
FFP: 66-66#
FSIP: 66#
FH: 2275#

DST #4 4592-4636 (Straddle) 15-15-15-15
Rec: 10' mud NSO
IFP: 77-77#
ISIP: 771#
FFP: 77-77#
FSIP: 761#

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STATE CORPORATION COMMISSION

MAR 28 1996

DO NOT WRITE IN THESE SPACES

CUSTOMER COPY



HALLIBURTON

ORIGINAL

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

INVOICE

2/11/96

INVOICE NO.	DATE
914994	01/02/1996

WELL LEASE NO./PROJECT FLEMING		WELL/PROJECT LOCATION CHEYENNE		STATE KS	OWNER SAME
SERVICE LOCATION HAYS		CONTRACTOR ABERCROMBIE DRILLING	JOB PURPOSE PLUG TO ABANDON		TICKET DATE 01/02/1996
ACCT. NO. 623541	CUSTOMER AGENT WALTER D BROWN	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 02001

Cement plug well

NATIONAL PETROLEUM RESERVES
250 N ROCK ROAD SUITE 130
WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:

P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	320	MI	2.85	912.00
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	395.00	395.00
030-503	WOODEN TOP PLUG	8 5/8	IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 FOMIX STANDARD	190	SK	7.66	1,455.40
506-121	HALLIBURTON-GEL 2%	300	LB	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	7	SK	18.60	130.20
507-210	FLOCELE	48	LB	1.65	79.20
500-207	BULK SERVICE CHARGE	207	CFT	1.35	279.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	1310.480	TMI	.95	1,244.96

INVOICE SUBTOTAL

4,591.21

DISCOUNT-(BID)

1,147.80-

INVOICE BID AMOUNT

3,443.41

*-KANSAS STATE SALES TAX

168.73

*-HAYS CITY SALES TAX

34.44

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MAR 2 8 1996

CONFIRMATION
WICHITA, KANSAS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$3,646.58

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

CUSTOMER COPY

1/29/96



HALLIBURTON

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

INVOICE

ORIGINAL

INVOICE NO.	DATE
914974	12/22/1995

WELL LEASE NO./PROJECT FLEMING 1		WELL/PROJECT LOCATION CHEYENNE		STATE KS	OWNER SARNE
SERVICE LOCATION HAYS		CONTRACTOR ABERCROMBIE DRILLING	JOB PURPOSE CEMENT SURFACE CASINO		TICKET DATE 12/22/1995
ACCT. NO. 623541	CUSTOMER AGENT ANTHONY MARTIN	VENDOR NO.	CUSTOMER P.O. NUMBER 15-023-20350	SHIPPED VIA COMPANY TRUCK	FILE NO. 01384

NATIONAL PETROLEUM RESERVES
250 N ROCK ROAD SUITE 130
WICHITA, KS 67206
DAN DEBNER

DIRECT CORRESPONDENCE TO:

P.O. BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	286	MI	42.85	12,246.10
		1	UNT		
001-016	CEMENTING CASING	356	FT	630.00	630.00
		1	UNT		
030-503	WOODEN PLUG	8	5/8 IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 POZMIX STANDARD	225	SK	7.16	1,611.00
506-121	HALLIBURTON-GEL 2%	400	LB	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	36.75	183.75
500-207	BULK SERVICE CHARGE	235	CFT	1.35	317.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	1355.497	TMI	.95	1,287.72

#5 INVOICE SUBTOTAL	4,939.82
DISCOUNT-(BID)	1,234.94
INVOICE BID AMOUNT	3,704.88
*-KANSAS STATE SALES TAX	128.42
*-HAYS CITY SALES TAX	26.21

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STATE CORPORATION COMMISSION
MAR 28 1996

CONSOLIDATED NATIONAL BANK
WICHITA, KANSAS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ***** \$3,859.51

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