

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

ORIGINAL

API NO. 15-193-20,598-00-00

County Thomas
50' N of
C - E/2-SE -SE Sec. 8 Twp. 10S Rge. 31 X W

Operator: License # 9482

710 Feet from S/N (circle one) Line of Section

Name: Natioanal Petroleum Reserves, Inc

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

Address 250 N. Rock Rd., #340

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

City/State/Zip Wichita, KS 67206

Lease Name Broeckelman Well # 1

Purchaser: _____

Field Name _____

Operator Contact Person: Ted C. Bredehoft

Producing Formation D&A

Phone (316) -681-3515

Elevation: Ground 3025' KB 3030'

Contractor: Name: Emphasis Oil Operations

Total Depth 4650' PBDT _____

License: 8241

Amount of Surface Pipe Set and Cemented at 310 Feet

Wellsite Geologist: Dan DeBoer

Multiple Stage Cementing Collar Used? _____ Yes X No

Designate Type of Completion
X New Well _____ Re-Entry _____ Workover _____

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

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

Drilling Fluid Management Plan ALY 2 RP 10-19-92
(Data must be collected from the Reserve Pit)

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

Chloride content 2000 ppm Fluid volume 120 bbls

Operator: _____

Dewatering method used dehydration

Well Name: RELEASED

Location of fluid disposal hauling offsite

Comp. Date _____ Old Total Depth OCT 20 1993

Operator Name SEP 1 1 1992

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____
Plug Back _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) Docket No. _____

Lease Name _____ License No. _____

7/23/92 7/30/92
Spud Date Date Reached TD Completion Date

Quarter 3 Twp. _____ S Rng. _____ E/W _____

County _____ Docket No. _____

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 [Signature]

Title president Date 9-10-92

Subscribed and sworn to before me this 10th day of September, 1992.

Notary Public [Signature]

Date Commission Expires 5-17-93

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-12-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

PI

Operator Name National Petro. Reserves, Inc. Lease Name Broeckelman Well # 1

Sec. 8 Twp. 10S Rge. 31 East West County Thomas

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2603 +427	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B/Anhydrite	2634 +397	
List All E.Logs Run:		Heebner	4036 -1006	
		Lansing	4082 -1052	
		Stark	4290 -1260	
		Base/K.C.	4351 -1321	Cherokee 4568 -1538
		Marmaton	4382 -1352	Johnson Z, 4614 -1584
		Pawnee	4492 -1462	
		Myrick Station	4522 -1492	
		Ft. Scott	4543 -1513	

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#	319'	pozzalon	250	3%cc2%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)	

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 _____

P.O. BOX 951046
DALLAS, TX 75395-1046

ORIGINAL



HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
216160	07/30/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BROCKELMAN 1		THOMAS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		EMPHASIS		PLUG TO ABANDON		07/30/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
623541	JACK D. FOX			COMPANY TRUCK	37631	

NATIONAL PETROLEUM RESERVES SEP 1 0
 250 N. ROCK RD.
 SUITE 340
 WICHITA, KS 67206

CONFIDENTIAL

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	MILEAGE	10	MI	2.60	26.00
090-910	MISCELLANEOUS PUMPING JOB	1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 578	TRK	395.00	395.00
504-308	STANDARD CEMENT	114	IN	90.00	90.00
506-105	POZMIX A	5654	EA	7.14	813.96
506-121	HALLIBURTON-GEL 2%	4	SK	.054	305.32
507-277	HALLIBURTON-GEL BENTONITE	4	LB	.00	N/C
507-210	FLOCELE	6	SK	14.75	88.50
500-207	BULK SERVICE CHARGE	50	LB	1.30	65.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	202	CFT	1.15	232.30
		86.70	TMI	.80	69.36
INVOICE SUBTOTAL					2,085.44
DISCOUNT-(BID)					417.08
INVOICE BID AMOUNT					1,668.36
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,668.36

RELEASED
 OCT 20 1993
 FROM CONFIDENTIAL

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 11 1992
 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.

ORIGINAL

HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
216139	07/24/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BROEKELMAN 1		THOMAS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
OBERLIN	EMPHASIS	CEMENT SURFACE CASING		07/24/1992	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
623541	JACK D. FOX			COMPANY TRUCK	37315

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

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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 - EASTERN AREA 1					
000-117	MILEAGE	10	MI	2.60	26.00
001-016	CEMENTING CASING	318	FT	515.00	515.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	90.00	90.00
504-308	STANDARD CEMENT	129	SK	7.14	921.06
506-105	POZMIX A	67 6364	LB	.054	343.66
506-121	HALLIBURTON-GEL 2%	4	LB	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	96 7	SK	26.50	185.50
500-207	BULK SERVICE CHARGE	229	CFT	1.15	263.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	97.25	TMI	.80	77.80
INVOICE SUBTOTAL					2,422.37
DISCOUNT-(BID)					605.57
INVOICE BID AMOUNT					1,816.80
*-KANSAS STATE SALES TAX					85.73
*-DECATUR COUNTY SALES TAX					17.50
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,920.03

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