

071

ORIGINAL

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

Operator: License # 5263

Name: MIDWESTERN EXPLORATION CO.

Address PO BOX 1884

City/State/Zip LIBERAL, KS 67905-1884

Purchaser: NGC ENERGY RESOURCES, L.P.

Operator Contact Person: DALE J. LOLLAR

Phone (316) 624-3534

Contractor: Name: ABERCROMBIE RTD, INC.

License: 30684

Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S1GW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

4-29-94 5-2-94 6-25-94
Spud Date Date Reached TD Completion Date

API NO. 15- 071 ~~896~~-20624-0000

County GREELEY

- NW - NW - Sec. 11 Twp. 20S Rge. 40 X ^E

660' Feet from S (circle one) Line of Section

660' Feet from E (circle one) Line of Section

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

Lease Name HART Well # 1-11

Field Name NORTH BRADSHAW

Producing Formation WINFIELD

Elevation: Ground 3568 KB 3573

Total Depth 2856 PSTD 2836

Amount of Surface Pipe Set and Cemented at 367' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2856

feet depth to surface w/ 800 sx cnt.

Drilling Fluid Management Plan ALT 2 JH 2-28-95
(Data must be collected from the Reserve Pit)

Chloride content 70,000 ppm Fluid volume 800 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name RELEASED

Lease Name ALT 2 JH License No. AUG 1 9

Quarter 2 Sec. 11 Twp. 20S Rge. 40 E/W

Country FROM CONFIDENTIAL 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 VICE-PRESIDENT Date 8-17-94

Subscribed and sworn to before me this 17th day of August, 19 94.

Notary Public Mary Morgan

Date Commission Expires 8-3-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep
 XGS Plug
RECEIVED
STATE CORPORATION COMMISSION
(Specify)



Form ACD-1 (7-91)
AUG 23 1994
8-23-94
CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name MIDWESTERN EXPLORATION CO.

Lease Name HART

Well # 1-11

Sec. 11 Twp. 20S Rge. 40

East

County GREELEY

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:

DUAL INDUCTION/GR
FORMATION DENSITY/GR

Log Formation (Top), Depth and Datum Sample

Name Top Datum
UPPER WINFIELD 2815 (+758)

CASING RECORD
(See Below)

New 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 (new)	12-1/4"	8-5/8"	24#	367'	60-40 posmix	250	3% cc 2% gel
PRODUCTION(used)	7-7/8"	4-1/2"	10.5#	2856'	lite/60-40 posmix	800	2% gel 10% salt

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2 SPF	2820-30	A/500 gal 15% MCA
		F/21,635 gal gelled KCL water
		22900# 10/20 SN

TUBING RECORD Size 2-3/8" Set At 2834 Packer At None Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Waiting on pipeline Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil -- Bbls. -- Gas WOPL 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

2820-30

15-071-20624-0000

TELEPHONE:
AREA CODE 913 483-2427

ALIED CEMENTING COMPAN INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

RECEIVED
STATE CORPORATION COMMISSION

MAR 1 1995

TO: Midwestern Exploration Co.
P. O. Box 1884
Liberal, KS 67905-1884

INVOICE NO. 66332
PURCHASE ORDER NO. _____
LEASE NAME Hart #1-11
DATE 4-30-94

CONFIDENTIAL

SERVICE AND MATERIALS AS FOLLOWS:

	RELEASED	
Common 150 sks @\$6.85	\$1,027.50	
Pozmix 100 sks @\$3.00	300.00	
Chloride 7 sks @\$25.00	175.00	
		\$1,502.50
	FROM CONFIDENTIAL	
Handling 250 sks @\$1.00	250.00	
Mileage (85) @\$.04¢ per sk per mi	850.00	
Surface	430.00	
1 plug	42.00	
Mi @\$2.25 pmp trk chg	191.25	
1 Baffle Plate	105.00	
		1,763.25
		105.00

RECEIVED

LEASE: HART 1 B DATE RECD: _____
DRIG. TANG. _____ INTANG.
COMP. _____ TANG. _____ INTANG. _____
OP. EXP. 62600 USED FOR: Cement 8 5/8

If Account CURRENT a
Discount of \$ 674.15
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

ACCOUNT NO. 80 DATE: _____

RECEIVED MAY - 6 1994

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2 % Charged Thereafter.

ORIGINAL



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

15-071-20624-0000

INVOICE

INVOICE NO.	DATE
599170	05/02/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ART 1-11		GREELEY		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
ESS CITY		ABERCROMBIE DRILLING	CEMENT PRODUCTION CASING		05/02/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
82975	BILLY DAUGHERTY			COMPANY TRUCK	68770

ORIGINAL

MIDWESTERN EXPLORATION
P O BOX 1884
LIBERAL, KS 67905-1884

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

AUG 1 8
CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	180	MI	2.75	495.00
		1	UNT		
001-016	CEMENTING CASING	2856	FT	1,455.00	1,455.00
		1	UNT		
018-315	MUD FLUSH	500	GAL	.65	325.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	95.00	95.00 *
825.201					
14A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	73.00 *
815.19101					
17	FILL-UP UNIT 4 1/2"-5"	1	EA	45.00	45.00 *
815.19113					
40	CENTRALIZER 4-1/2 X 7 7/8 8.44	8	EA	43.00	344.00 *
807.93004					
320	CEMENT BASKET 4 1/2"	1	EA	105.00	105.00 *
800.8681					
030-018	CEMENTING PLUG 5W, PLASTIC TOP	4 1/2	IN	55.00	55.00 *
		1	EA		
504-136	CEMENT - 40/60 POZMIX STANDARD	100	SK	6.08	608.00 *
504-308	CEMENT - STANDARD	260	SK	7.24	1,882.40 *
506-105	POZMIX A	9520	LB	.061	580.72 *
506-121	HALLIBURTON-GEL 2%	700	LB	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	14	SK	18.60	260.40 *
509-968	SALT	500	LB	.15	75.00 *
507-153	CFR-3	42	LB	4.85	203.70 *
507-210	FLOCELE	100	LB	1.65	165.00 *
500-207	BULK SERVICE CHARGE FROM CONFIDENTIAL	541	CFT	1.35	730.35 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	2002.590	TMI	.95	1,902.46 *
504-308	CEMENT - STANDARD	195	SK	7.24	1,411.80 *
506-105	POZMIX A	7140	LB	.061	435.54 *
506-121	HALLIBURTON-GEL 2%	500	LB	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	10	SK	18.60	186.00 *
507-210	FLOCELE	75	LB	1.65	123.75 *

***** CONTINUED ON NEXT PAGE *****

RECEIVED
STATE CORPORATION COMMISSION

AUG 23 1994

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.

ORIGINAL

INVOICE



HALLIBURTON

CONFIDENTIAL

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

1507120624-0000

INVOICE NO.	DATE
599170	05/02/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ART 1-11		GREELEY ORIGINAL		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE
ESS CITY	ABERCROMBIE DRILLING	CEMENT PRODUCTION CASING			05/02/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
82975	BILLY DAUGHERTY			COMPANY TRUCK	68770

DIRECT CORRESPONDENCE TO:

MIDWESTERN EXPLORATION
P O BOX 1884
LIBERAL, KS 67905-1884

not
AUG 18
CONFIDENTIAL

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
500-207	BULK SERVICE CHARGE	325	CFT	1.35	438.75 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	1218.375	TMI	.95	1,157.46 *

INVOICE SUBTOTAL

13,153.33

DISCOUNT - (BID)
INVOICE BID AMOUNT

1,972.96-
11,180.37

* - KANSAS STATE SALES TAX

RELEASED

449.95

SEP 26 1994

FROM CONFIDENTIAL

MIDWESTERN EXPLORATION COMPANY

LEASE: HART 1B DATE RECVD: _____

DRLG. TANG. _____ INTANG.

COMP. _____ TANG. _____ INTANG. _____

OP. EXP. USED FOR: Cement
4 1/2 prod string

ACCOUNT NO.: 71100 DATE ENTERED: _____

APPROVED BY: B.O. DATE PAID: _____

Paid 8/2/94
CR# 38597

RECEIVED
STATE CORPORATION COM

AUG 23 1994

CONSERVATION DIV
WICHITA, KANSAS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$11,630.32

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