

15-065-22707-00-00

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

Operator: License # 5399
Name: American Energies Corporation
Address 155 North Market, Suite 710
Wichita, Kansas 67202
City/State/Zip _____
Purchaser: _____
Operator Contact Person: Alan L. DeGood
Phone (316) 263-5785
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: Kurt Smith

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
6/29/93 7/04/93 7/29/93
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22707-00-00
County Graham
NE SW Sec. 2 Twp. 7S Rge. 23 E U

1980 Feet from S (circle one) Line of Section
1980 Feet from E (circle one) Line of Section

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

Lease Name Ft. Hays Well # 2

Field Name Unnamed

Producing Formation Lansing

Elevation: Ground 2441 KB 2446

Total Depth 3920 PBTD 2130

Amount of Surface Pipe Set and Cemented at 274 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate I completion, cement circulated from 2130

feet depth to Surface w/ 425 ex cnt.

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 8-20-93

Chloride content 500 ppm Fluid volume 1000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name American Energies Corp.

Lease Name Ft. Hays #2 License No. 5399

SW Quarter Sec. 2 Twp. 7S Rge. 23 E U

County Graham 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 Alan L. DeGood
Title Vice-President Date 7/20/93

Subscribed and sworn to before me this 20th day of July 19 93.

Notary Public Melinda S. Wooten
Melinda S. Wooten
Date Commission Expires 3-12-96

MELINDA S. WOOTEN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-12-96

8-4-93
K.C.C. OFFICE USE
F Letter of Confidentiality
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
AUG 24 1993
8-24-93
CONSERVATION DIVISION
Wichita, Kansas
Distribution
 KCC
 KGS
 SVD/RP
 Plug
 NCPA
 Other (Specify)

Northern Lights Oil Company (during drilling)
 American Energy Corporation (at completion)

Operator Name _____ Lease Name Fort Hays Well # 2

Sec. 2 Twp. 7S Rge. 23 East West
 county Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests if interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 See Attachment Yes No
 Samples Sent to Geological Survey
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 Radiation Guard Log
 Cement Bond Log

Name	Top	Datum
Anhydrite	2096	
Heebner	3670	-1224
Lansing	3709	-1268
B/KC	3904	-1463

CASING RECORD 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	12 1/4	8 5/8	20#	274	60/40 Poz	170	CaCl
Disposal	7 7/8	4 1/2	10.5#	2130	Lite	425	Flo Seal

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
1 sh/ft.	1690-1760, 1790-1820		

TUBING RECORD Size 2 3/8 Dualined Set At 1640 Packer At 1640 Liner Run

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

Estimated Production Per 24 Hours Oil _____ Bbls. Gas _____ Hcf Water _____ Bbls. Gravity _____

Disposition of Gas: vented sold used on lease open hole ref. pulley comp. condensed

METHOD OF COMPLETION

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 STATE COMMISSION
 AUG 24 1993
 CONSERVATION DIVISION
 Wichita, Kansas

15-065-22707-00-00

FORT HAYS #2

NE SW SECTION 2-T7S-R23W
Graham County, Kansas

Results of DST #1 as follows:

7/03/93

Results DST #1: 3770-3790
(Lansing E-F Zones). Times:
30-45-30-45. Recovered 270'
total fluid, 60' GIP, 30' C Oil,
120' OWCM (15% Oil, 20% Water,
65% Mud), 120' Saltwater (80,000
chl.). IFP: 29-49#, ISIP: 986#,
FFP: 68-68#, FSIP: tool didn't
close 127#.

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CONSERVATION DIVISION
Wichita, Kansas

15-069-22707-00-00

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

AD 30-01

TO: American Energy
155 N. Market, Suite #710
Wichita, KS 67202

INVOICE NO. 64321
PURCHASE ORDER NO.
LEASE NAME Fort Hays #2
DATE 7-3-93

SERVICE AND MATERIALS AS FOLLOWS:

Lite 425 sks @\$4.75	\$2,018.75	
Flo Seal 106# @\$1.10	116.60	\$2,135.35
Handling 425 sks @\$1.00	425.00	
Mileage (43) @\$.04¢ per sk per mi	731.00	
Production	980.00	
Mi @\$2.25 pmp trk chg	96.75	
1 plug	33.00	2,265.75

4 Centralizers-----\$	212.00	If account <u>CURRENT</u> 20% discount will be allowed <u>ONLY</u> if paid within <u>30</u> days from date of invoice.
2 Baskets-----	226.00	
1 AFU Insert-----	169.00	
1 Baker Triplex Shoe-----	1,550.00	
	<u>2,157.00</u>	
	Total	\$6,558.10

Thank you!

Cement circulated

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

DEPTH of Job	Reference:	Amount	Handling	Amount
	# Pump Trk	980.00	Mileage 43m	731.00
	1-4" Rubber Plug	33.00		169.00
	2 ³⁵ Per mile 43m	96.75		1550.00
	Sub Total	1109.75	Floating Equipment	
	Tax			
	Total			
Remarks:	Cement Did Circulated		4 - Centralizers	\$ 212.00
Witness by	G. J. Jackson		2 - BASKETS	226.00
" "	C. J. Hays		1 - AFU INSERT	169.00
" "	Marilyn Kaufman		1 - Baker Triplex Shoe	1550.00
	15 SKS IN RET HOLE			\$ 2157.00

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AUG 24 1993

CONSERVATION DIVISION
Wichita, Kansas

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

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

INVOICE NO.	DATE
340586	06/28/1999

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
FORT HAYS 2		GRAHAM		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
OBERLIN	MALLARD DRILLING CO	CEMENT SURFACE CASING		06/28/1999	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
634251	ARNIE HESS			COMPANY TRUCK	5267

15-069-22707-00-00

NORTHERN LIGHTS OIL CO
P O BOX 164
ANDOVER, KS 67002

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	45	MI	2.75	123.75
001-016	CEMENTING CASING	274	FT	515.00	515.00
030-503	WOODEN PLUG	1	UNT		
		8.5/8	IN	95.00	95.00
504-136	CEMENT - 40/60 POZMIX STANDARD	170	SK	6.85	1,164.50
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	28.25	141.25
500-207	BULK SERVICE CHARGE	180.0	CFT	1.25	225.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	335.57	TMI	.85	285.23
INVOICE SUBTOTAL					2,549.73
DISCOUNT-(BID)					949.73-
INVOICE BID AMOUNT					1,600.00
*-KANSAS STATE SALES TAX					55.82
*-DECATUR COUNTY SALES TAX					11.39
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,667.21

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STATE CONSERVATION COMMISSION
AUG 24 1993
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.