

FORM MUST BE TYPED

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

**ORIGINAL**

SIDE ONE

API NO. 15- 135-23,696-00-00

County Wichita

SW - NW - NE - Sec. 30 Twp. 16S Rge. 21  E  
890'

Feet from S/N (circle one) Line of Section  
2100'

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

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

Lease Name Irvin Well # "G" #2

Field Name Brownell SE

Producing Formation \_\_\_\_\_

Elevation: Ground 2295' KB 2303'

Total Depth 4330 PBD 4375

Amount of Surface Pipe Set and Cemented at 6 jts 8 5/8" X 20# 237.31' Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Drilling Fluid Management Plan ALT 2 11-1-92  
(Data must be collected from the Reserve Pit)

Chloride content 5,500 ppm Fluid volume 500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. S Ang. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 5399

Name: American Energies Corporation

Address 155 North Market, Suite 710

Wichita, Kansas 67202

City/State/Zip \_\_\_\_\_

Purchaser: None

Operator Contact Person: Alan L. DeGood

Phone ( 316 ) 263-5785

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Tyler Sanders

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  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 \_\_\_\_\_ PBD

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

8/21/92

8/29/92

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

Alan L. DeGood

Title Vice-President

Date 10-5-92

Subscribed and sworn to before me this 5th day of October

19 92

Notary Public

Melinda S. Wooten

MELINDA S. WOOTEN

NOTARY PUBLIC

STATE OF KANSAS

Date Commission Expires

3-12-96

My Appl. Exp. 3-12-96

RECEIVED

K.C.C. OFFICE USE ONLY

STATE CORPORATION COMMISSION

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Geologist Report Received

NOV 5 1992

11-05-1992

Distribution

KCC

KGS

SVD/Rep

Plug

Other

(Specify)

Operator Name American Energies Corporation

Lease Name Irish

"G" #2

Sec. 30 Twp. 16S Rge. 21W

East  
 West

County Ness

**ORIGINAL**

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.)  
\*DST #1 - See Below  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
FORMATION: LOG TOPS:		
Anhydrite	1390	+713
Base/Anhy.	1628	+674
Beobner	3703	-1400
Lensing	3745	-1442
Base/KC	4015	-1712
Fawcett	4094	-1793
Labette	4184	-1881
Ft. Scott	4196	-1893
Cherokee	4207	-1904
1st Ch A Sd.	4213	-1910
2nd Ch A Sd.	4227	-1924
Ch A Lm	4236	-1933
X Shale	4261	-1958
Cong. Sh.	4283	-1980
Cong. Ch.	4303	-2000
Mississippi	4318	-2015
RTD	4330	
LTD	4331	

List All E.Logs Run: Dual Induction, Neutron/Density Porosity

\* 8/29/92 Results DST #1: 4206-4222 (Cherokee "A" Sand). Times: 25-25-25. Recovered 320 SW. FPs: 62-125. RTD: 4330. Plugged and abandoned.

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 Casing	8 5/8"	8 5/8"	20#	237.31'	60/40 poz	145	2% Gel, 3% CaCl

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				

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

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  Yes  No

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

Estimated Production Per 24 Hours   Oil   Gas   Water   Gas-Oil Ratio   Gravity  

Disposition of Gas

Vented  Sold  Used on Lease

Production Interval  

RECEIVED CORPORATION COMMISSION

NOV 5 1992

DIVISION

METHOD OF COMPLETION

ORIGINAL

**MALLARD JV, INC.**  
DRILLING CONTRACTORS  
P. O. Box 1009      McPHERSON, KS 67460

**DRILLER'S LOG**

OPERATOR:	<b>American Energies Corporation</b> 155 N. Market, Suite 710 Wichita, KS 67202	WELL:	<b>Irvin "G" #2</b>
		API #:	15-135-23,696-00-00
COMMENCED:	August 22, 1992	LOCATION:	Approx. SW NW NE 890' FNL, 2100' FEL
COMPLETED:	August 29, 1992		Section 30, Township 16, Range 21W Ness Co., KS
TOTAL DEPTH:	4330'	ELEVATION:	2283' GL, 2291' KB

STATUS:	D&A -- Mississippian Formation
SPUD:	1:27 pm 8/22/92
SIZE HOLE DRILLED:	12-1/4" x 250'
SURFACE CASING SIZE:	8-5/8" x 20# x 237.31' (6 jts.)
SET AT:	236.91
CEMENT:	145 sacks 60/40 Pozmix, 2% gel, 3% cc
SIZE HOLE DRILLED:	7-7/8" x 4330'
PLUGGED HOLE WITH:	215 sacks 60/40 Pozmix, 6% gel, as follows -- 50 sx @ 1630', 80 sx @ 900', 50 sx @ 260', 10 sx @ 40', 15 sx rathole, 10 sx mousehole
PD:	10:00 am 8/29/92
DRILL STEM TESTS:	1
ELECTRIC LOG:	Yes

\*\*\* CERTIFICATE \*\*\*

I, Dick Hess, Vice-President of Mallard JV, Inc., hereby certify that this is a true and correct copy of the log of the Irvin "G" #2 well as reflected by our files.

Dick Hess, Vice-President

STATE OF KANSAS }  
COUNTY OF McPHERSON } ss.

Subscribed and sworn to before me this 11th day of September, 1992.

NOTARY PUBLIC - State of Kansas  
BRYAN K. HESS  
My Appt. Exp. 5-26-93

  
Notary Public

RECEIVED  
STATE CORPORATION COMMISSION  
OCT 6 1992  
CONSERVATION DIVISION  
Wichita, Kansas



ORIGINAL

AD  
21-26

ORIGINAL INVOICE DATE  
08/22/92

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ SERVICES CO. USA P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 1	INVOICE NO. 073602
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AMERICAN ENERGIES CORPORATION

155 N MARKET  
SUITE 710  
WICHITA KS 67202

AUTHORIZED BY  
073602

PURCH. ORDER REF. NO.

WELL NUMBER : 12      CUSTOMER NUMBER : 2525 - 0

LEASE NAME AND NUMBER IRWIN	STATE 14	COUNTY/PARISH 1451	CITY Hayes	DISTRICT NAME 583	DISTR. NO.
JOB LOCATION/FIELD NA	MTA-DISTRICT	DATE OF JOB 08/22/92	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100302	1.00	CEMENT CASING 0 TO 300 FEET	463.00		463.00
10109005	22.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		54.34
10410504	87.00	CLASS 'A' CEMENT	5.74	CF	499.38
10415018	58.00	FLY ASH	3.16	CFT	183.28
10415049	374.00	A-7-P CALCIUM CHLORIDE PELLETS	0.48	LB	179.52
10420145	249.00	BJ GEL, BENTONITE, PER POUND	0.15	LB	37.35
10430539	1.00	B 5/8" TOP HOLE (SURFACE) PLUG	17.00	EA	17.00
10880001	155.00	MIXING SERVICE CHARGE DRY MATERIAL	1.16		179.80
10940101	143.00	DRAYAGE, PER TON MILE	0.79		112.97
SUBTOTAL					1,726.64
DISCOUNT					518.63

ENTERED  
09-14-92

ACCOUNT 4.9000% KS-NEW WELL	641.23	RECEIVED STATE CORPORATION COMMISSION NOV 5 1992 Wichita, Kansas
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SEP 22 1992

TAX EXEMPTION STATUS:      PAY THIS AMOUNT      1,239.42

TEXAS 77210 ORIGINAL CEMENTING LOG

STAGE NO.

District Hays Ticket No. 070662  
American Engineries Corp Well No. G 72  
FIN State KS  
Ness Location \_\_\_\_\_ Field \_\_\_\_\_

CASING DATA: PTA  Squeeze   
Surface  Intermediate  Production  Liner   
Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size 4 1/2 Weight \_\_\_\_\_ Collars \_\_\_\_\_  
Open Hole: Size 7 7/8 T.D. 4330 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
Casing: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Open Holes: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Drill Pipe: Bbbs/Lin. ft. .0142 Lin. ft./Bbl. \_\_\_\_\_  
Annulus: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
Spacer Type: \_\_\_\_\_  
Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time 60/40 670 Bbl hrs. Type \_\_\_\_\_ Excess \_\_\_\_\_  
Amt. 215 Skys Yield 1.85 ft<sup>3</sup>/sk Density 14 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_ Excess \_\_\_\_\_  
Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbl:  
Pump Trucks Used 46029 - Carl  
Bulk Equip. 2029 - Steve

Float Equip: Manufacturer \_\_\_\_\_  
Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
Stage Collars \_\_\_\_\_  
Special Equip. \_\_\_\_\_  
Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbbs. Weight \_\_\_\_\_ PPG  
Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Jim Mickle

CEMENTER Dean Rundle

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
						1st Plug + 1630' w/ 50 sks
						2d Plug at 900' w/ 80 sk
						3rd Plug at 260 w/ 50 sks
						10 sks at 40'
						15 sk in Prob Hole
						10 sk in mousehole
						Total 215 sk 60/40 670 Bbl
						job complete at 10:00 A

RECEIVED  
STATE CORPORATION COMMISSION

Thanks call again NOV 5 1992

ORIGINAL

BILLING COPY

SERVICE OPERATIONS CONTRACT CONTINUATION

CONTRACT NO. 070662

DISTRICT Hays DIST. NO. 583  
American Energies Corp

AUTHORIZED BY Jim Mickle

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10100302	1	Pump Truck charges	463.00	E	463 00
10109005	25	Pump Truck Milage	2.47	M	61 75
10410504	129	Common Cement	5.74	SK	740 46
10415018	86	PO2	3.16	SK	271 76
10420145	1100	Gel	.15	LB	165 00
10430539	1	Plug	12.00	E	12 00
10880001	233.3	Handling + Dumping	1.16	SK	270 63
10940101	152.9	Hauling 9.8 Tons 25 M	.79	TM	193 55
		Sub Total			2178 15
		Less 25%			544 54
		Sub Total			1633 61

RECEIVED STATE CORPORATION COMMISSION

NOV 5 1992

SERVICE REPRESENTATIVE Dean Rundle

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: L.H. Uhl

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) CUSTOMER: This is not an Invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

ORIGINAL 21-52  
 77210  
 2525

**SERVICE OPERATIONS CONTRACT**  
 TERMS NET 30 DAYS FROM DATE OF CONTRACT

MAIL TO: P.O. Box 297476, Houston, TX 77297 UNIT 6

DATE: 8-29-92  
 SERVICE CONTRACT NO. 070662

WELL NO: G A 2  
 LEASE NAME & FEDERAL OFFSHORE LEASE NO.: ARVIN

COUNTY/PARISH: NESS  
 CODE: 1551  
 STATE: KS  
 CITY CODE: 15

WELL OWNER: American Energies Corp  
 MTA CODE

TRUCK CALLED: 13:00 A  
 ARRIVED AT JOB: 15:00 A

START OPERATION: 18:00 A  
 FINISH OPERATION: 1:00 A  
 TIME RELEASED: 10:30 A

MILES FROM STATION TO WELL: [blank]  
 SALESMAN NUMBER: [blank]

DIST NAME: Hays  
 DIST NUMBER: 583

ADDRESS: 155 N. Market Suite 710  
 CITY: Wichita STATE: KS ZIP: 67202

AUTHORIZED BY: (Please Print) Jim Mickle  
 ORDER NO.

STAGE NO. 1  
 JOB CODE: PTA-0115  
 WORKING DEPTH: [blank] FT

TOTAL PREV. GALS.: [blank]  
 SURFACE [ ] INTERMEDIATE [ ] PRODUCTION [ ] REMEDIAL [ ]  
 SIZE HOLE: 7 7/8 DEPTH: [blank] FT

TOTAL MEAS. DEPTH: [blank] FT  
 SIZE & WT. DRILL PIPE OR TUBING: 4 1/2 DEPTH: [blank] FT

PACKER DEPTH: [blank] FLUID PUMPED: [blank]

REVENUE EQUIPMENT (UNIT NUMBERS)				EMPLOYEES ON JOB (EMPLOYEE NUMBER)			
MAX. RPM:	BS4 4602	BS4 6006	C. BATTIN	5.2	1345		
S/S EMPLOYEE NUMBER:	BS4 2030	BS4 8660	S. Williams	5.8	5003		
	P 10624		D Rundle	40	9524		

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.

**CONTRACT CONDITIONS:** (This contract must be signed before the job is commenced or merchandise is delivered)  
 The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK: 0.1  
 SIGNED: [Signature]

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

RECEIVED  
 NOV 5 1992

SERVICE REPRESENTATIVE: Dean Rundle  
 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

CHECK IF CONTINUATION IS USED: [ ]  
 CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

RVICES

ORIGINAL

ORIGINAL

INVOICE DATE

08/29/92

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ SERVICES CO. USA P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 1	INVOICE NO. 070662
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AMERICAN ENERGIES CORPORATION

155 N MARKET  
SUITE 710  
WICHITA KS 67202

*AD*  
*21-52*

AUTHORIZED BY 070662
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PURCH. ORDER REF. NO.
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WELL NUMBER : G#2      CUSTOMER NUMBER : 2525 - 0

LEASE NAME AND NUMBER RVIN	STATE 15	COUNTY/PARISH 1551	CITY Hayes	DISTRICT NAME 583	DISTR. NO.
JOB LOCATION/FIELD A	MTA DISTRICT	DATE OF JOB 08/29/92	TYPE OF SERVICE LAND-PLUG AND ABANDON		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100302	1.00	CEMENT CASING 0 TO 300 FEET	463.00		463.00
10109005	25.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		61.75
10410504	129.00	CLASS 'A' CEMENT	5.74	CF	740.46
10415018	86.00	FLY ASH	3.16	CFT	271.76
10420145	1100.00	BJ GEL, BENTOLNITE, PER POUND	0.15	LB	165.00
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	12.00	EA	12.00
10880001	233.30	MIXING SERVICE CHARGE DRY MATERIAL	1.16		270.63
10940101	152.90	DRAYAGE, PER TON MILE	0.79		120.79
SUBTOTAL					2,105.39
DISCOUNT					526.36

ENTERED  
08-23-92

OCT - 8 1992

ACCOUNT
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4.9000% KANSAS

1,579.03

77.38

RECEIVED  
STATE CORPORATION COMMISS  
NOV 5 1992

EXEMPTION STATUS:

PAY THIS AMOUNT

1,656.41