

ORIGINAL

SIDE ONE

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 N. Market, Suite 710

Wichita, KS 67202

City/State/Zip

Purchaser: Koch Hydrocarbon

Operator Contact Person: Alan L. DeGood

Phone ()

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Jon Christensen

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OAWO: old well info as follows:

Operator: N/A

Well Name:

Comp. Date Old Total Depth

Drilling Method:

Mud Rotary Air Rotary Cable

11/06/90 11/13/90

Spud Date Date Reached TD Completion Date

API NO. 15- 077-21,223-00-00

County Harper

75' South of East
NE NW SW Sec. 4 Twp. 34 Rge. 6 West

2235 Ft. North from Southeast Corner of Section

 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

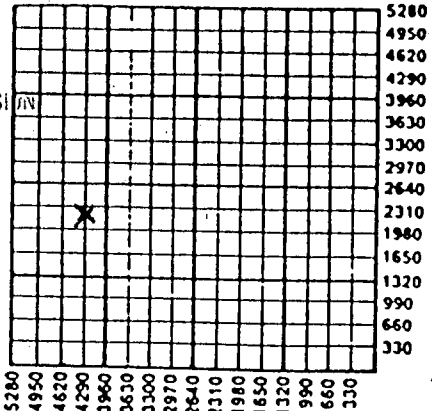
Lease Name BOLLMAN Well # "F" #1

Field Name Wharton

Producing Formation Mississippian Chert

Elevation: Ground 1267 KB 1272

Total Depth 4600 PBD



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CONSERVATION DIVISION
Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 283 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 cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

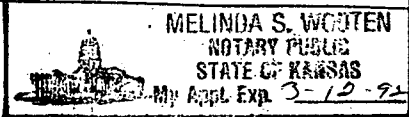
Signature Alan L. DeGood

Title Vice-President Date 2/13/91

Subscribed and sworn to before me this 13th day of February 19 91.

Notary Public Melinda S. Wooten

Date Commission Expires 3-12-92



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

P1

SIDE TWO

Operator Name AMERICAN ENERGIES CORP. Lease Name BOLLMAN Well # "F" #1

Sec. 4 Twp. 34 Rge. 6 East West
 County Harper

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.)

DST #1 Miss. 4502-12 30-60-45-90. 1st Opening: 245 MCF, 2nd Opening: 363 MCF Rec. 45' M, IFP: 150-173, ISIP: 1780, FFP: 139-150, FSIP: 1780, DST #2: Miss. 4512-22, 30-30-45-30. Rec. 2800 GIP, 82' O&GCWM. IFP: 81-81, ISIP: 1539, FFP: 81-81, FSIP: 1493.

Formation Description				
	<input type="checkbox"/> Log		<input type="checkbox"/> Sample	
Name	Top	Bottom		
Heebner	3204	-1932	Mississippi	4500 -3228
Toronto	3222	-1950	Miss. Chert	4504 -3232
Iatan	3577	-2305	LTD	4602 -3330
Stalnaker Ss	3609	-2337		
Kansas City	3846	-2574		
Drum	3861	-2589		
Stark Sh	4004	-2732		
Swope	4034	-2762		
Hertha	4062	-2790		
Cherokee Sh	4294	-3022		

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"	23#	283	60/40pos	185	2%gel, 3%cc
production	7-7/8"	4-1/2"	14#	4598	sure fil	100	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2 sh/Ft.	4505 - 4512	1000 Gal. 15% HCL	4505-4512

TUBING RECORD Size Set At Packer At Liner Run Yes No

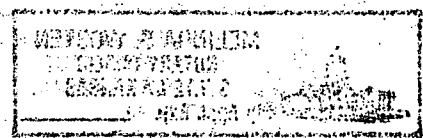
Date of First Production January 19, 1991 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours
 Oil 9 Bbls. Gas 270 Mcf Water 14 Bbls. Gas-Oil Ratio 30 to 1 Gravity 38°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify)

Production Interval





P.O. Box 4442
Houston, Texas 77210

ORIGINAL CEMENTING LOG

STAGE NO. _____

Date 11-7-90 District Medford Ticket No 610947
Company AMERICAN ENERGIES Rig Allen D 19
Lease Beilman F Well No 1
County HARPER State KANS
Location ANYHANEY 35-1128-15-1E/NH Field _____

CASING DATA: PTA Squeeze
Surface Intermediate Production Liner
Size 8 5/8 Type USED Weight 29 Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. 106.37 Lin. ft./Bbl. 15.17
Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 10:60:2
3910 A 7 P Excess _____

Amt. 785 Skys Yield 1.24 ft³/sk Density 14.8 PPG

TAIL: Pump Time _____ hrs. Type _____
Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead 5.6 gals/sk Tail _____ gals/sk Total 29.5 Bbls.

Pump Trucks Used BJ 1992 LD

Bulk Equip. BSU 2903-6983 JK

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type FRESH H₂O Amt. 16.75 Bbls. Weight 8.39 PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER NEAL KUPP

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls. Min.	
						Job AND SAFTY PROCEDURE
						KAN 85/8 TO 289 FT
						Rig up CEMENT HEAD
5:15						REPAIR CIRCULATION RIG PUMP
	150				6	RIG UP TO CEMENT PUMP
5:30				41.		START SLURRY
						SLURRY IN SHUT DOWN
	250			14	4	RELEASE PLUG START DISP
5:45	250		2.75	16.75		CEMENT TO SURFACE
						PLUG DOWN / SHUT IN
						CIRCULATED Apr 15 SIC

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CORPORATION DIVISION
Wichita, Kansas

Note: Must accompany job ticket.

LOAD SHEET

ICES

DATE

JOB NUMBER

CONTRACT NUMBER

ORIGINAL

DISTRICT NAME

CUSTOMER NAME AND ADDRESS

DIRECT SHIPMENT FROM

Med. Lodge, Ks.

American Energies

DIRECT SHIPMENT FROM

VENDOR NAME

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	Class A	Q	111		
2	415018	Fly Ash	Q	74		
3	420115	B J Mel	L	318		
4	415049	A 7 P	L	477		
5						
6						
7						
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STATE CORPORATION COMMISSION
FEB 14 1991
CONSERVATION DIVISION
WICHITA, Kansas

LOADED BY: John Kelsey

PRINTED

CUSTOMER

Craig Chittenden
SIGNATURE

DATE

SIGNATURE

COPY 1 - DISTRICT COPY
COPY 2 - CUSTOMER COPY
COPY 3 - HOUSTON

CUSTOMER COPY

SERVICES

A Baker Hughes company

P.O. Box 4442
Houston, Tx. 77210

CUSTOMER COPY
ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE 11-7-96	SERVICE CONTRACT NO. 610947
NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0
WELL NO. 1	LEASE NAME & FEDERAL OFFSHORE LEASE NO. BELLMAN F
COUNTY/PARISH HARPER	STATE KANSAS
FIELD NAME WHARTON	CITY CODE
WELL OWNER AMERICAN ENERGIES CORP.	MTA CODE
JOB CODE 0100	WORKING DEPTH 284 FT
1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>	PUMPING EQUIPMENT
SIZE HOLE 12 1/4 DEPTH 287 FT	TRUCK CALLED
SIZE & WT. CASING 8 5/8 24 DEPTH 284 FT	ARRIVED AT JOB
SIZE & WT. DRILL PIPE OR TUBING	START OPERATION
PACKER DEPTH	FINISH OPERATION
FLUID PUMPED	TIME RELEASED
	MILES FROM STATION TO WELL 92
	SALESMAN NUMBER

CUSTOMER ACCOUNT NO.	DIST NAME Mud Lake KANS
CUSTOMER AMERICAN ENERGIES CORP.	DIST NUMBER 3350
ADDRESS 155 North Market Suite 710	
CITY Wichita	STATE KANSAS
AUTHORIZED BY: (Please Print)	ZIP 67202
	ORDER NO.

STAGE NO.	JOB CODE	WORKING DEPTH	FT
TOTAL PREV. GALS.	1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		
TOTAL MEAS. DEPTH	SIZE HOLE 12 1/4 DEPTH 287 FT		
FT.	SIZE & WT. CASING 8 5/8 24 DEPTH 284 FT		
PRESSURE	SIZE & WT. DRILL PIPE OR TUBING		
AVG. PSI. MAX. PSI.	PACKER DEPTH	FLUID PUMPED	
MAX. BPM			
S/S EMPLOYEE NUMBER			
647028			

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

REMARKS

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 017

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1101100302	1	Pump Charge	440.00	E	440.00
1101109005	46	Pump Mileage	2.35	E	108.10
11011105104	111	CLASS A STATE CORPORATION COMMISSION	5.50	Q	610.50
110111510118	74	FLY ASH FEB 14 1991	2.91	Q	215.34
11011201145	318	B.S. GEL	.13	L	41.34
11011150199	477	A7-P CONSERVATION DIVISION	.46	L	219.42
110111011011	386.4	DRAGAGE 8.9 TON x 46 MI Wichita, Kansas	1.75	E	289.80
110111010211	198	MIXING CHARGE	1.10	Q	217.80
11011305139	1	8 5/8 Top Hole (SURFACE) Plug	17.00	E	17.00
					1259.30

SERVICE REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

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.

