COPY

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 CORP.

Address 155 N. Market, Suite 710

Wichita, KS 67202

City/State/Zip

Purchaser: --

Operator Contact Person: Alan L. DeGood

Phone (316) 263-5785

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Jon Christensen

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

___ Oil ___ SWD ___ Temp. Abd.
___ Gas ___ Inj ___ Delayed Comp.
X Dry ___ Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:
Operator: N/A

Well Name:

Comp. Date ___ Old Total Depth ___

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

7/08/91 Spud Date | 7/16/91 Date Reached TD | 7/16/91 Completion Date

API NO. 15- 077-21,246

County Harper

N/2 NE SE Sec. 12 Twp. 31 Rge. 8 ___ East X West

2310 Ft. North from Southeast Corner of Section

660 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

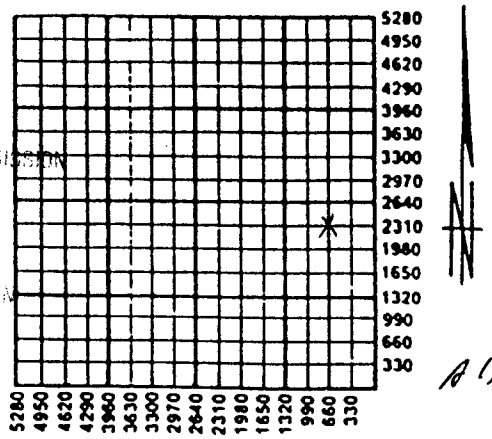
Lease Name SHORT "A" Well # 4

Field Name Washbon SW

Producing Formation D & A

Elevation: Ground 1628 KB 1633

Total Depth 4808 PBTD --



Alt I Dtd

Amount of Surface Pipe Set and Cemented at 256 Feet

Multiple Stage Cementing Collar Used? ___ Yes X No

If yes, show depth set ___ Feet

If Alternate II completion, cement circulated from ___

feet depth to ___ w/ ___ sx cmt.

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CONSERVATION DIVISION
Wichita, Kansas

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 7/25/91

Subscribed and sworn to before me this 25th day of July, 19 91.

Notary Public Melinda S. Wooten

Date Commission Expires 3-12-92

MELINDA S. WOOTEN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 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)

Form ACO-1 (7-89)

COPY

SIDE TWO

Operator Name AMERICAN ENERGIES CORP. Lease Name SHORT "A" Well # 4

☐ East
☒ West

c. 12 Twp. 31 Rge. 8 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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

See Attachment

Formation Description

☐ Log ☐ Sample

Name Top Bottom

See Attachment

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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#	256	40/60 poz	185	2%gel 3%cc

PERFORATION RECORD Shots Per Foot	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 Production 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 ☐ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) _____

Production Interval

_____

_____

12-31-8W COPY

7/15/91 Results DST #1: 4408-4420. Times: 30-60-60-90. 1st Opening: Strong blow no GTS, 2nd Opening: Strong blow, GTS in 23", 4,450' CFGPD, in 32" 7,980 CFGPD, in 35" 8,220 CFGPD. Recovered 120' total fluid, 60' OGCM, 20% O, 45% G, 25% M, 10% W. Next 60' 20% O, 20% G, 45% M, 15% W, 10,000 PPM Water Chlorides 7,000 PPM Mud Chlorides. IFP: 69-69, ISIP: 1194, FFP: 92-115, FSIP: 1217, IHP: 2227, FHP: 2192, BHT: 121°.

7/16/91 RTD 4808
Results DST #2: 4792-4808. (Simp-Viola) Strong blow throughout test. GTS final Shut-in TSTM Times 30-45-45-45. Recovered 160' OGCM (24% Oil, 34% Gas, 37% Mud, 5% Water). 244' GCSW, (Chlorides- 72,00 PPM)

IFP 69-104 FFP 150-197

ISIP 1734 FSIP 1734

IHP 2422 FHP 2411

FORMATION	SAMPLE LOG		COMPARISON	
			#1	#2
Heebner Shale	3392	-1759	-2	-6
Toronto	3426	-1793	+2	-9
Iatan Lime	3636	-2003	+34	+1
Stalnaker Sd.	Absent			
Lansing	3676	-2043	+4	+9
Kansas City	3902	-2269	+4	-9
Stark Shale	4047	-2414	+3	-9
Swope Por.	4057	-2424	+3	-8
Hertha Por.	Not Developed			
Cherokee Sh	4290	-2657	+4	-8
Mississippi	4407	-2774	+9	-10
Kinderhook Sh	4675	-3042	+2	+1
Viola	4794	-3161	+1	-1
Simpson Sd	4804	-3171	+1	-1
RTD	4808	-3175		
	ELECTRIC LOG			
No Log				

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