

ORIGINAL

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

API NO. 15-185-21,106-0001

Operator: License # 9449

Name: Great Eastern Energy and Development Corp.

Address 5990 Greenwood Plaza Blvd., Suite #116

City/State/Zip Englewood, CO. 80111

Purchaser: Republic Natural Gas Company

Operator Contact Person: John W. Smith

Phone ( 303 ) 773-6016

Contractor: Name: Big Springs Drilling, Inc.

License: Unknown

Wellsite Geologist: M. L. Russell

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 Workovers:

Operator: Patton Oil Co.

Well Name: Curtis #2

Comp. Date 4/10/81 Old Total Depth 4131'

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back 3820'  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

11-22-93 11/27/93

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

\* Note: Necessary copies of logs & tickets enclosed in original ACO-1 by Original Operator.

County Stafford  
SE - SE - SW Sec. 2 Twp. 25S Rge. 14 X W

330 Feet from S. Line of Section

2970 Feet from E. Line of Section

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

Lease Name Curtis Well # 2

Field Name Cephas

Producing Formation Lansing/K. C.

Elevation: Ground 1959' KB 1964'

Total Depth 4131' PBD 3820'

Amount of Surface Pipe Set and Cemented at 316 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.

Drilling Fluid Management Plan REWORK 7/19-94  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

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

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ 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 John W. Smith

Title Exec. Vice President Date 4/5/94

Subscribed and sworn to before me this 5th day of April, 19 94.

Notary Public Audrey V. Nakata

Date Commission Expires 8/22/97

AUDREY V. NAKATA  
NOTARY PUBLIC, STATE OF COLORADO

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other

RECEIVED  
STATE CORPORATION COMMISSION

Form ACO-1 (7-91) APR 03 1994

4-3-94 CONSERVATION DIVISION  
Wichita, Kansas P1

Operator Name Great Eastern Energy and Development Corp. Lease Name Curtis Well # 2

Sec. 2 Twp. 25S Rge. 14  East  West County Stafford

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka.....	3088'	-1124'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner.....	3501'	-1537'
List All E.Logs Run:		Lansing/KC.....	3669'	-1705'
Rad/Guard Log		Base K.C.....	3948'	-1984'
		Mississippian.....	4020'	-2056'
		Viola.....	4097'	-2133'
		RTD.....	4131'	-2167'

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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#	316'	Common	175	2% Gel-3% CAC1
Casing	7-7/8"	4-1/2"	10.5#	4128'	Common	150	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
	4	3802' - 04'	500 gal 15% Mud Acid

TUBING RECORD	Size 2-3/8"	Set At 3800'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 3/17/94	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil -- Bbls.	Gas 500 Mcf	Water 0 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 3802' - 04'

Other (Specify) \_\_\_\_\_

ORIGINAL

DRILL STEM TESTS

API#15-185-21106

PATTON OIL COMPANY

#2 CURTIS

2-25-14W

DST (1) 3013-75/30-30-60-60, 558' SW, SIP  
950-997#, FP 83-72/160-160#

DST (2) 3693-3710/ 30-30-60-60, 110' MW, SIP  
757-737#, FP 63-63/73-73#

DST (3) 3740-3776/30-30-60-60, 10' OCM,  
210' MW, SIP 1332-1332#, FP 63-  
73/116-126#

DST (4) 3790-3825/30-30-60-60, GTS 2" FLO  
1,274 MCFG/20", (2ND OP) FLO 1,348  
MCFG/20", 210' GOCM, 90' GMO, SIP  
1269-1269#, FP 232-243/243-264#

DST (5) 3833-3860/30-30-30-30, 30' DM, SIP  
1018-987#, FP 63-63/63-63#

DST (6) 4017-50/30-30-60-60, 62' DM, SIP 264-  
581#, FP 63-63/73-73#

DST (7) 4098-4131/30-30-60-60, FLO  
197MCFG/30", (2ND OP) 44.7 MCFG/60",  
180' MCW, 180' SW, SIP 211-211# FP  
116-126/148-179#

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APR 03 1994

CONSERVATION DIVISION  
Wichita, Kansas