

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 # 9449
Name: Great Eastern Energy & Dev. Corp.
Address 5990 Greenwood Plaza Blvd., #131
City/State/Zip Englewood, CO. 80111
Purchaser: Zoandra Gathering Systems, Inc.
Operator Contact Person: John W. Smith
Phone (303) 773-6016
Contractor: Name: Kephart Drilling, Inc.
License: #5379

Wellsite Geologist: John W. Smith

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ Temp. Abd.
☒ Gas 52 ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:

☐ Mud Rotary ☒ Air Rotary ☐ Cable

10/23/90 10/24/90 2/27/91
Spud Date Date Reached TD Completion Date

API NO. 15- 125 - 29457

County Montgomery

SW SW NW Sec. 8 Twp. 31 S. Rge. 16 ☒ East
West

2970 Ft. North from Southeast Corner of Section

4780 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

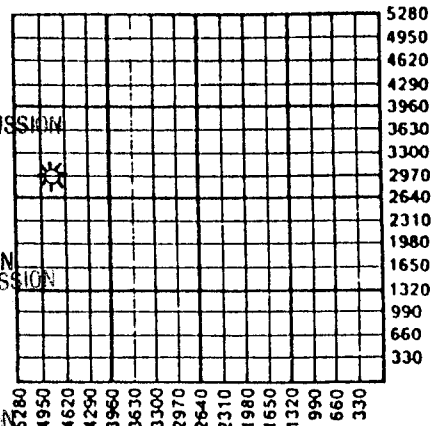
Lease Name Howard Well # 8-1

Field Name Neodesha

Producing Formation Cherokee Coal Beds

Elevation: Ground 800' KB N/A

Total Depth 1,113' PBTD 1,096'



RECEIVED

STATE CORPORATION COMMISSION

MAY 22 1991

CONSERVATION DIVISION

STATE CORPORATION COMMISSION

JUN 03 1991

CONSERVATION DIVISION

Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1,113

feet depth to Surface w/ 124 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 John W. Smith

Title Exec. Vice President Date 5/17/91

Subscribed and sworn to before me this 17th day of May, 19 91.

Notary Public Audrey V. Nakata

Date Commission Expires 8/22/93

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)

SIDE TWO

Operator Name Great Eastern Energy & Dev. Corp. Lease Name Howard Well # 8-1Sec. 8 Twp. 31S Rge. 16
☒ East
☐ WestCounty Montgomery

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Pawnee Ls.	553'	526'
Oswego Ls.	640'	664'
Cherokee Gp.	693'	1104'
Mulky Coal	-	-
Bevier Coal	-	-
Weir-Pittsburgh Coal	847'	849'
Bartlesville SS	906'	947'
Tucker/Burgess SS	958'	1052'
Riverton Coal	1079'	1082'
Mississippian System	1104'	TD

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	8-5/8"	7"		20'	Cmn	3	
Production	6-1/4"	4-1/2"	10.5	1,113'	Owc	124	5% Salt 2% Gel 5% Gilsonite

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

8	847' - 849'; 1079' - 1082'	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
		75 gal HCL; 3000# 12/30 Sd;	847'-849'
		23,500# 10/20 Sd; 100# rock	
		salt for plug; 230 bbl. 40#	
		X-link pad; 397 bbl. 40# X-	
		link w/sand	

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☒ NoDate of First Production
SI w/o P.L.

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)Estimated Production
Per 24 Hours

Oil

Bbls.

Gas

Mcf

Water

Bbls.

Gas-Oil Ratio

Gravity

Shut-In

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perforation ☐ Dually Completed ☒ Commingled
☐ Other (Specify) _____

847' - 849'

1079' - 1082'