

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

Operator: License # 9449Name: Great Eastern Energy and Development Corp.Address 5990 Greenwood Plaza Blvd., Suite #116City/State/Zip Englewood, CO. 80111Purchaser: Zoandra Gathering Systems, Inc.Operator Contact Person: John W. SmithPhone (303) 773-6016Contractor: Name: Mokat DrillingLicense: #5831Wellsite Geologist: V. Cain

Designate Type of Completion

 New Well X Re-Entry Workover

<u> </u> Oil	<u> </u> SWD	<u> </u> SLOW	<u> </u> Temp. Abd.
<u>X</u> Gas	<u> </u> ENHR	<u> </u> SIGW	
<u> </u> Dry	<u> </u> Other (Core, WSW, Expl., Cathodic, etc)		

If Workover:

Operator: Kan Map, Inc.Well Name: Wertz #8-13Comp. Date 8/15/91 Old Total Depth 1136'

<u> </u> Deepening	<u> </u> Re-perf.	<u> </u> Conv. to Inj/SWD
<u> </u> Plug Back		<u> </u> PBTD
<u> </u> Commingled	<u> </u> Docket No.	
<u> </u> Dual Completion	<u> </u> Docket No.	
<u> </u> Other (SWD or Inj?)	<u> </u> Docket No.	

7/23/91 7/25/91 8/15/91

Spud Date Date Reached TD Completion Date

Necessary attachments sent w/original ACO-1 by Original Operator

API NO. 15-125-29,596County Montgomery - SW - NW - SW Sec. 8 Twp. 31S Rge. 16 X E W1800 Feet from S. Line of Section4785 Feet from E. Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, [SE] NW or SW (circle one)Lease Name Wertz Well # 8-13Field Name NeodeshaProducing Formation Cherokee CoalElevation: Ground 785 KB --Total Depth 1136' PBTD 1109'Amount of Surface Pipe Set and Cemented at 47 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from 1109feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Air Drilled Well

Chloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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. SmithTitle Exec. Vice President Date 8/19/93Subscribed and sworn to before me this 19th day of August,
19 93.Notary Public Audrey U. NakataNotary Commission Expires 8/22/93

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution

✓ KCC SWD/Rep
 KGS Plug

STATE OF KANSAS
OIL & GAS CONSERVATION COMMISSION
RECEIVED
(Specify)
AUG 23 1993

22248

SIDE TWO

Operator Name Great Eastern Energy and Development Corp. Lease Name Wertz Well # 8-13Sec. 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 given 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.)

List All E.Logs Run:

Dual Ind.
Dens/Neu w/GR
Sonic Cement Bond☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Pawnee Ls.....	552'	+233'
Oswego Ls.....	640'	+145'
Cherokee Gp.....	696'	+ 89'
Mulky Coal.....	696'	+ 89'
Bevier Coal.....	720'	+ 65'
Weir-Pittsburgh Coal.....	868'	- 83'
Bartlesville ss.....	888'	-103'
Tucker/Burgess ss.....	1009'	-224'
Riverton Coal.....	1078'	-293'
Mississippian System.....	1105'	-320'

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	47'	Port.	40	
Production	6-1/4"	4-1/2"	10.5	1109'	50/50 poz	120	3% CC, 5% Gils

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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	868' - 872'	Acid w/200 gal. 15%	868' - 872'

TUBING RECORD	Size 2-3/8"	Set At 863'	Packer At --	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 8/14/93	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 5 Mcf	Water 5 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 868' - 872'
(If vented, submit ACO-18.) ☐ Other (Specify) _____