

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: McPherson Drilling Co.

License: #5675

Wellsite Geologist: John W. Smith

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas 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

3/4/91 3/5/91 4/12/91

Spud Date Date Reached TD Completion Date

API NO. 15- 125 - 29,540

County Montgomery

App. SW SW SE Sec. 17 Twp. 31 S. Rge. 16 East West

399 Ft. North from Southeast Corner of Section

2059 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Pierce Well # 2

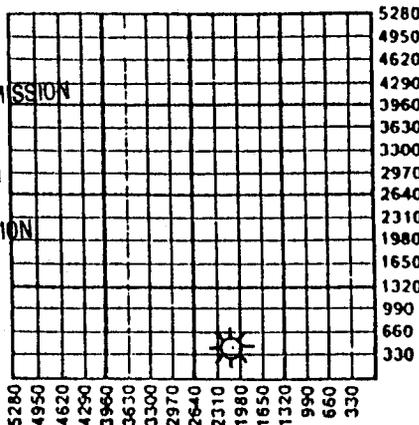
Field Name Unknown

Producing Formation Cherokee Coal Beds

Elevation: Ground 781' KB N/A

Total Depth 1,080' PBTD 1,073'

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MAY 22 1991
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas



5-23-91

Amount of Surface Pipe Set and Cemented at 54 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1,077

feet depth to Surface w/ 126 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 T. 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)

Operator Name Great Eastern Energy & Dev. Corp. Lease Name Pierce Well # 2

Sec. 17 Twp. 31S Rge. 16 East West
County 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 No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Pawnee Ls.	510'	531'
Oswego Ls.	597'	625'
Cherokee Gp.	630'	1064'
Mulky Coal	-	-
Bevier Coal	-	-
Weir-Pittsburgh Coal	830'	835'
Bartlesville SS	917'	937'
Tucker/Burgess SS	946'	1014'
Riverton Coal	1045'	1049'
Mississippian System	1064'	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"		54	Cmn	40	
Production	6-1/4"	4-1/2"	10.5	1077'	Owc	126	5% Salt, 5% Gilonite, 2% Gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		Amount and Kind of Material Used	Depth
8	1043' - 1048'	75 gal 15% HCL, 3000# 20/40 Sd & 13500# 10/20 Sd, 230 bbl 20# gel & X-link pad, 337 bbl 40# X-link w/sand	1043-1048
8	829' - 834'	75 gal 15% HCL, 3000# 20/40 Sd & 23000# 10/20 Sd, 230 bbl 20# gel & X-link pad, 474 bbl 40# X-link w/sand	829'-834'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1053'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date 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
		SI w/o P/L			

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
1043-1048
829-834

DRILLERS LOG

API No. 15 - 125 - 29,540
County Number

Loc. SW/SWSE

County Montgomery

640 Acres
N

Operator
Great Eastern Energy + Dev.

Address
5990 Greenwood Plaza Bldg #131 Englewood Co. 80111

Well No. 2 Lease Name Pierce

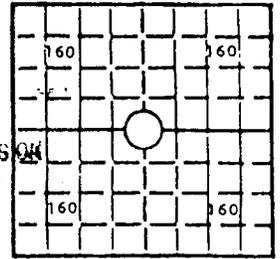
Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor McPherson Drilling Geologist _____

Spud Date 3-4-91 Total Depth 1080' P.B.T.D. _____

Completed 3-5-91 Oil Purchaser _____

RECEIVED
STATE CORPORATION COMMISSION
MAY 22 1991
WICINITA, KANSAS



Locate well correctly

DF _____ KB _____

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	9 1/2"	7"	15	54'			
PRODUCTION	6 1/4"						

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

833-840 tested 5lb on 1/4" or face
20.7 mcf

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	3	Shale	473	515	Lime	770	771
Sand + Clay	3	21	Pink Lime	515	538	Shale	771	786
Gravel + Water	21	26	Shale	538	566	Lime	786	787
Shale	26	33	Lime	566	567	Shale	787	796
Lime	33	45	Shale	567	601	Shaley Sand	796	808
Shale	45	70	Oswego Lime	601	629	Shale	808	833
Lime	70	125	Shale	629	639	Coal (Gas)	833	840
Sandy Shale	125	201	2nd Oswego	639	654	Shale	840	847
Lime	201	216	Shale	654	662	Lime	847	848
Shale	216	289	3rd Oswego	662	668	Shale	848	863
Lime	289	291	Shale	668	676	Sandy Shale	863	891
Shale	291	331	Lime	676	677	Shale	891	915
Lime	331	366	Shale	677	686	Lam. Sand	915	931
Shale	366	372	Lime	686	688	Sand (water)	931	939
Lime	372	384	Shale	688	703	Coal	939	940
Shale	384	388	Lime	703	705	Sand (water)	940	952
Lime	388	392	Shale	705	709	Lam. Sand	952	956
Shale	392	394	Sandy Shale	709	720	Sandy Lime	956	958
Lime	394	398	Lime + Shale	720	722	Lam. Sand	958	978
Shale	398	407	Shale	722	742	Sand (water)	978	990
Lime	407	408	Shaley Sand	742	746	Lime	990	991
Shale	408	439	Sandy Shale	746	761	Sand	991	1012
Sand	439	466	Shale	761	769	Lam. Sand	1012	1019
Sandy Shale	466	473	Coal	769	770	Shale	1019	1048

