

SIDE ONE

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

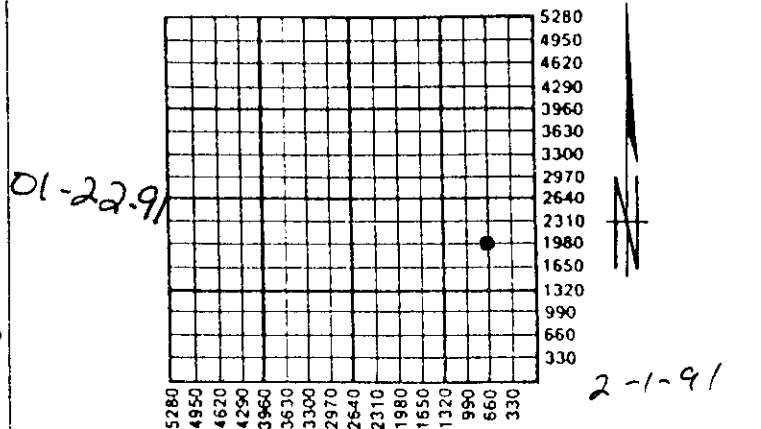
Operator: License # 9449  
Name: Great Eastern Energy & Dev. Corp.  
Address 5990 Greenwood Plaza Blvd., #131  
City/State/Zip Englewood, CO. 80111  
Purchaser: Zoandra Gathering Systems, Inc.  
Operator Contact Person: John W. Smith  
Phone ( 303 ) 773-6016  
Contractor: Name: Kephart Drilling, Inc.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

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  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  
10/3/90 10/4/90 Delayed  
Spud Date Date Reached TD Completion Date

API NO. 15- 125 - 29,378  
County Montgomery  
C NE SE Sec. 9 Twp. 31 S. Rge. 15  East  
 West  
1980 Ft. North from Southeast Corner of Section  
660 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Scott "A" Well # 1  
Field Name Jefferson-Sycamore  
Producing Formation Cherokee Coal Beds  
Elevation: Ground 992' KB N/A  
Total Depth 1252' PBTD Unknown



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 1249'  
feet depth to Surface w/ 129 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 1/17/91  
Subscribed and sworn to before me this 17th day of January,  
19 91.  
Notary Public \_\_\_\_\_  
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 Scott "A" Well # 1

Sec. 9 Twp. 31S Rge. 15  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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p align="center"><b>Formation Description</b></p> <p align="center"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Pawnee Ls. _____</td> <td style="text-align: center;">842'</td> <td style="text-align: center;">856'</td> </tr> <tr> <td>Oswego Ls. _____</td> <td style="text-align: center;">902'</td> <td style="text-align: center;">968'</td> </tr> <tr> <td>Cherokee Gp. _____</td> <td style="text-align: center;">973'</td> <td style="text-align: center;">TD</td> </tr> <tr> <td>Mulky Coal _____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Bevier Coal _____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Weir-Pittsburgh Coal _____</td> <td style="text-align: center;">1149'</td> <td style="text-align: center;">1155'</td> </tr> <tr> <td>Bartlesville SS _____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Tucker/Burgess SS _____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Riverton Coal _____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Mississippian System _____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>	Name	Top	Bottom	Pawnee Ls. _____	842'	856'	Oswego Ls. _____	902'	968'	Cherokee Gp. _____	973'	TD	Mulky Coal _____	-	-	Bevier Coal _____	-	-	Weir-Pittsburgh Coal _____	1149'	1155'	Bartlesville SS _____	-	-	Tucker/Burgess SS _____	-	-	Riverton Coal _____	-	-	Mississippian System _____	-	-
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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	8-5/8"	7"		20'	Cmn	3	
Production	6-1/4"	4-1/2"	10.5	1249'	Owc	129	5% Salt, 2% Gel. 5% Gilsomite

Shots Per Foot	PERFORATION RECORD 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 <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<b>METHOD OF COMPLETION</b>	Production Interval
	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perforation <input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) <u>Delayed</u>	

KEPHART DRILLING INC.  
R.R. 1 BOX 68A  
THAYER, KANSAS 66776

Great Eastern	0'	-	1'	-	overbuden
Scott <del>B-2</del> A-1	1'	-	36'	-	lime
	36'	-	138'	-	shale
15-125-29, <del>361</del> 378	138'	-	147'	-	lime
9	147'	-	261'	-	shale
<del>10</del> 31-15E	261'	-	295'	-	lime
	295'	-	345'	-	shale
MG	345'	-	392'	-	lime
1980'	392'	-	403'	-	shale
<del>3135</del> N of S	403'	-	441'	-	lime
660'	441'	-	443'	-	shale
<del>3135</del> W of E	443'	-	453'	-	lime
	453'	-	455'	-	sandy shale
Started 10-3-90	455'	-	510'	-	sand
	510'	-	560'	-	lime
Finished 10-4-90	560'	-	612'	-	shale
	*600'				added water
	612'	-	618'	-	lime
	618'	-	649'	-	shale
	649'	-	716'	-	lime
	716'	-	752'	-	sandy shale
	752'	-	811'	-	Laminated sand
	811'	-	842'	-	Sandy shale
	842'	-	862'	-	lime
	862'	-	890'	-	shale
	890'	-	920'	-	sand
	920'	-	945'	-	shale
	945'	-	968'	-	lime
	968'	-	973'	-	shale
	973'	-	974'	-	coal
	974'	-	995'	-	shale
	995'	-	997'	-	lime
	997'	-	1006'	-	shale
	1006'	-	1007'	-	coal
	1007'	-	1075'	-	shale
	1075'	-	1076'	-	coal
	1076'	-	1091'	-	shale
	1091'	-	1100'	-	sand (oilodor)
	1100'	-	1121'	-	sandy shale (odor)
	1121'	-	1148'	-	shale
	1148'	-	1154'	-	coal
	*1151'				3" on 1/2" 10.9 MCF/D
	1154'	-	1173'	-	shale
	1173'	-	1182'	-	sandy shale
	*1173'	-	1188'	-	oilodor
	1182'	-	1188'	-	sand
	1188'	-	1206'	-	sandy shale
	1206'	-	1252'	-	shale
	1252'		Total Depth		



STATION CHANUTE OPERATOR ROBERT C. SMITH

Ticket 81737

CONSOLIDATED OIL WELL SERVICES, INC. P.O. Box 884  
Chanute, Kansas 66720  
Phone (316) 431-9210

Date 10-5-90	Customer's Acct. No. 3309	Sec. 9	Twp. 31	Range 15	Well No. & Farm Scott # A1	Place or Destination N.W. SYCAMORE
Charge To GREAT EASTERN			Owner		County MONTGOMERY	
Mailing Address 147 S 4th PO Box 336			Contractor		State KANSAS	
City & State NEEDHAM KS 66757			Well Owner Operator Contractor			

**CEMENTING SERVICE DATA**

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New <input checked="" type="checkbox"/>	Bore Size 6 1/4"	Bottom RUBBER PLUG	Circulating 100	Requested <input checked="" type="checkbox"/>
Production	Used <input checked="" type="checkbox"/>	Total Depth 1,252'	Top 1-5-W	Minimum 50	Necessity
Squeeze	Size 4 1/2"		Head P.C.	Maximum 650	Measured
Pumping	Weight	Cable Tool	FLOAT EQUIPMENT	Sacks Cement 129	
Other	Depth 1,249'	Rotary AIR	BAFFLE RING	Type & Brand PORTLAND-A	
	Type		1234'	Admixes 5% SO Pol, 5% SALT 5% GILSONITE	

**FRACTURING - ACIDIZING SERVICE DATA**

Type of Job	At Intervals of						
Bbls Fracturing Fluid	Breakdown Pressure from	psi to	psi				
Treating Pressures, Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM	Close In	psi
Sand	Gals. Treating Acid	Type	Open Hole Diameter				
Well Treating Through, Tubing	Casing	Annulus	Size	Weight			
Remarks: <u>CIRCULATE POLYMER 2 hrs. PRIOR TO CEMENTING WELL.</u>							
No. Perforations	Pay Formation Name	Depth of Job	Ft.				

**CEMENTING**

**INVOICE SECTION**

**FRACTURING - ACIDIZING**

CEMENTING	Office Use	Office Use	Pumping Charge	Office Use	Office Use
Pumping Charge 1 Cement		\$	Pumping Charge		\$
Pumping Charge @ 3401		\$ 410.-	Pumping Charge @		\$
129 Sacks Bulk Cement	@ 1101	677.25	12x30 Sand	@	
Ton Mileage on Bulk Cement 40 mi	@ 16401	129.00	10x20 Sand	@	
2 5x Premium Gel	@ 1301	13.80	x Sand	@	
Flt-Seal	@		Ton Mileage	@	
Calcium Chloride	@		Gals., Acid	@	
1 Plug 4 1/2"	@ 4405	18.50	Chemicals	@	
4-5x GILSONITE	@ 1304	68.00		@	
Equipment	@			@	
5-GAL. POLYMER	@ 1234	105.00		@	
2 GNL. AY-60	@ 1214	42.00		@	
1-DOWN HOLE PLUG	@ 4419	50.00		@	
	@		Potassium Chloride	@	
	@		Rock Salt	@	
322-lbs Granulated Salt	@ 1305	58.64	Water Gel	@	
Transport Truck ( Hrs.)	@		Transport Truck ( Hrs.)	@	
Vac Truck ( 5 Hrs.)	@ 6301	330.00	Vac Truck ( Hrs.)	@	
	@			@	
		Tax 44.42			Tax

A Finance Charge computed at 1 1/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total \$ 1796.41

Total \$

111258