

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

API NO. 15- 047-21413 0000

County Edwards County, Kansas

NE - NE - NW - Sec. 3 Twp. 26S Rge. 16 ^E_W

4840 Feet from SN (circle one) Line of Section

2970 Feet from EW (circle one) Line of Section

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

Lease Name Southwestern College Well # 13

Field Name S. W. Wil

Producing Formation _____

Elevation: Ground 2080' KB 2089'

Total Depth 4133' PBDT 1

Amount of Surface Pipe Set and Cemented at 474' 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 P&A 3-20-98 U.C.
(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. _____

Operator: License # 9449

Name: Great Eastern Energy & Development

Address 5990 Greenwood Plaza - Suite 127

City/State/Zip Greenwood Village, CO 80111

Purchaser: _____

Operator Contact Person: D.G. Jumper

Phone (303) 773-6016

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: John Smith

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 Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

01-05-97

01-10-97

01-11-97

Spud Date

Date Reached TD

Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 D.G. Jumper

Title President Date 2/12/97

Subscribed and sworn to before me this 12th day of February

19 97

Notary Public Kathleen D. Andersen

Date Commission Expires Kathleen D. Andersen 2/13/99

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NCPA
		<input type="checkbox"/> Other
		(Specify)

111010

SIDE TWO

Operator Name Great Eastern Energy Dev. Corp. Lease Name Southwestern College Well # 13

Sec. 3 Twp. 26S Rge. 16 East West
 County Edwards County, Kansas

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.)
 List All E.Logs Run:
 DII
 Comp Neu/Dens w/GR

Name	Formation (Top), Depth and Datum	
	Top	Datum
Heebner	3768'	-1679'
Toronto	3788'	-1699'
Douglas	3805'	-1715'
Brown Lime	3915'	-1826'
Lansing	3934'	-1845'
Lansing "140"	4069'	-1980'
Log T.D.	4140'	-2060'

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	23#	474'	60/40 Poz	270	3%cc 2%gel

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	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: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

ORIGINAL

Operator Name Great Eastern Energy Dev. Corp. Lease Name Southwestern College Well # 13
Sec. 3 Twp. 26S Rge. 16 East
 West
county Edwards County, Kansas

15-047-21413

Drill Stem Tests:
DST #1
4060 - 4080

Lansing "140" Zone
Open 10 min. w/strong blow (BOB in 1 min.). SI 30 min.
Open 60 min. w/strong blow (BOB in 1 min.). SI 120 min.

Recovery: 2800' Gas in pipe
80' G & OCM
60' Sl. G & OCWtr
60' Wtr.
200' Total fluid

Pressures: IHP 1976 P.S.I.
IFP 78 - 70 P.S.I.
ISI 730 P.S.I.
FFP 84 - 90 P.S.I.
FSI 710 P.S.I.
FHP 1950 P.S.I.
BHT 113°

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ALLIED CEMENTING CO., INC.

1494

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

213.

DATE <i>1-11-97</i>	SEC <i>3</i>	TWP <i>26</i>	RANGE <i>16</i>	CALLED OUT <i>3:30pm</i>	ON LOCATION <i>4:30pm</i>	JOB START <i>7:30am</i>	JOB FINISH <i>3:00pm</i>
South Western LEASE <i>College</i>	WELL# <i>13</i>	LOCATION <i>Trousdale Jm 26 35 Ws</i>			COUNTY <i>Edwards</i>	STATE <i>K.S.</i>	

OLD OR NEW (Circle one)

ORIGINAL

CONTRACTOR *Duke Drilling Rig #4*
 TYPE OF JOB *Surface P.O.S. #6*
 HOLE SIZE *12 1/2" T.D. 475' Ht*
 CASING SIZE *8 3/4" DEPTH 474' Ht*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX *200'* MINIMUM _____
 MEAS. LINE *459' Ht* SHOE JOINT _____
 CEMENT LEFT IN CSG. *15' Ht*
 PERFS. *Displacement 29" bbl*

OWNER _____
 CEMENT
 AMOUNT ORDERED *270 60 37cc 27gal*
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER *M.H.M.*
 # *120* HELPER *Dan S.*
 BULK TRUCK
 # *211* DRIVER *Kevin R.*
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

SERVICE

*Circulate the hole with Big mix pump
 Mix Cement + Release the plug
 Displace Plug Down with water
~~Submerge circulation with water~~*

DEPTH OF JOB *474' Ht*
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 PLUG *1-1/2" wooden Plug* @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

CHARGE TO: *Great Eastern Energy*
 STREET *5000 Mesa Wood Plaza Blvd Suite 127*
 CITY *Mesa Wood Village* STATE *Colorado* ZIP *80111*
303-773-6016

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

*Thank you
 All Allied Cementing Co. Inc
 M.H.M. Dan + Kevin*

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side:

SIGNATURE *Bob Wheeler*

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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PETROLEUM GEOLOGIST

ORIGINAL

John W. Smith

2323 1/2 South Rim Drive
Grand Junction, Colorado 81503
(970) 241-1472

15-047-21413

GEOLOGICAL REPORT

Great Eastern Energy and Development Corp.
Southwestern College #13
4840' FSL & 2970' FEL of Section. (Irregular)
Sec 3, T26S - R16W
Edwards County, Kansas

Elevation: 2080 GL, 2089 KB

Contractor: Duke Drilling Co., Inc. #5929

Spud Date: 1/4/97

Drilling Completed: 1/11/97, P & A 1/11/97

Total Depth: 4133 Rotary, 4140 Logged
Log tops 5' deeper than sample tops

Surface Casing: 8 5/8 @474 w/270 sx 60/40 Pozmix

Mud Program: Mud Co./ Service Mud, Inc.

Testing: Western Testing Co., Inc.

Logging: ELI Wireline Services, Inc.
DIL & Comp Dens/Neu

Samples: 10' Samples 3500 - TD.
Samples saved.
Samples not filed w/State

Drill Time: 1' intervals 3500 - 4080
Geolograph down 4080 - TD.

Daily Report: 1/5/97 475 WOC
1/6/97 1320 Drlg
1/7/97 2350 Drlg
1/8/97 3095 Drlg
1/9/97 3780 Drlg
1/10/97 4080 DST #1
1/11/97 4140 P & A

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Hole Surveys: 475 - 1°
 2269 - 3/4°
 4080 - 1 1/2°

Formation Tops (Log): Heebner 3768 (-1679)
 Toronto 3788 (-1699)
 Douglas 3805 (-1715)
 Brown Lime 3915 (-1826)
 Lansing 3934 (-1845)
 "140" Zone 4069 (-1980)
 TD 4140 (-2060)

Pay Section: Lansing "140" Zone
 4067' - 4074' Buff, fine crystalline to fine oolitic, hard, poor porosity, no live oil stain, DST #1

Structural Comparison Log:

<u>Formation</u>	<u>SW College #10</u> <u>1650 FSL, 1650 FWL NW/4</u>	<u>SW College #13</u> <u>This well</u>	<u>Stapleton #2</u> <u>2480 FSL, 2310 FEL NE/4</u>
Heebner	-1669	-1679	-1675
Lansing	-1835	-1845	-1842
"140" Zone	-1965	-1980	-1974

Drill Stem Tests: Lansing "140" Zone
 DST #1 Open 10 min. w/strong blow (BOB in 1 min.). SI 30 min.
 4060 - 4080 Open 60 min. w/strong blow (BOB in 1 min.). SI 120 min.

Recovery: 2800' Gas in pipe
 80' G & OCM
 60' Sl. G & OCWtr
 60' Wtr.
 200' Total fluid

Pressures: IHP 1976 P.S.I.
 IFP 78 - 70 P.S.I.
 ISI 730 P.S.I.
 FFP 84 - 90 P.S.I.
 FSI 710 P.S.I.
 FHP 1950 P.S.I.
 BHT 113°

Remarks and Recommendations:

The Lansing "140" Zone, the primary objective for this well, was encountered at a log datum of -1980' which is 6' low to the Stapleton #2, an east offset dry hole in this zone. Although samples were poor, scattered cuttings of a fine oolitic limestone were noted in the "140" interval. The porosity

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appeared tight relative to the extremely good porosity found in the productive wells. Oil shows were essentially non-existent. When the above findings are combined with the water recovery and 710 P.S.I. SI pressure on DST #1, the obvious conclusion is that none of the Lansing "140" Zone in this well is in the producing reservoir interval, therefore eliminating the potential for a waterflood injection well at this location.

The Southwestern College #13 was plugged and abandoned on 1/11/97.

Respectfully Submitted,



John W. Smith
Petroleum Geologist
2323 1/2 South Rim Drive
Grand Junction, Colorado 81503
(970) 241-1472

dated: January 21, 1997

FILED
-URP COM.
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