

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9229  
name *now Beredco* Douglas Energy Company, Inc.  
address 6100 N. Robinson, Ste 202  
City/State/Zip Okla., City, OK 73118

Operator Contact Person Jeff White  
Phone 405-843-0400

Contractor: license # 5146  
name Beredco

Wellsite Geologist Jeff White  
Phone 405-843-0400

PURCHASER Santa Fe Minerals

Designate Type of Completion  
New Well Re-Entry X: Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
initial: 12/7/84  
10/11/84 10/21/84 workover: 7/22/85  
Spud Date Date Reached TD Completion Date

6684 6060  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-175-20,792-00-01

County Seward

150' W of C SE NW 19 Sec 19 Twp 34 Rge 34  
(Location)

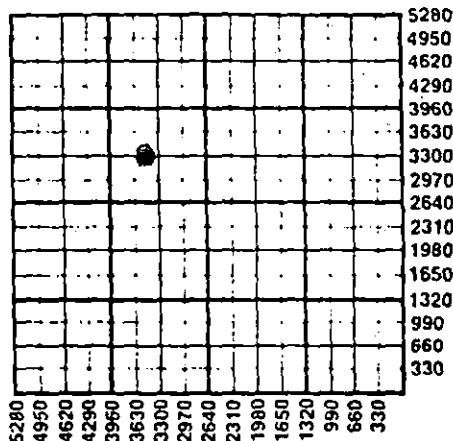
3300 Ft North from Southeast Corner of Section  
3450 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name James Well# 1

Field Name RG  
Was: Lower Chester Is: Upper  
Producing Formation Lower Morrow Morrow

Elevation: Ground 2954 KB 2967

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # T-83-725  
 Groundwater Ft North From Southeast Corner and  
(Well) Ft West From Southeast Corner of  
Sec Twp Rge  East  West  
 Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West  
 Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 or confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. 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 *Jeffery H. White*  
TITLE *Geologist* Date *7/3/85*  
Subscribed and sworn to before me this *3rd* day of *July* 19 *85*  
Notary Public *Barbara A. Wilson*  
Notary Commission Expires *Feb. 19, 1989*

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)

STATE CORPORATION COMMISSION Form ACO-1 (7-84)

NOV 26 1985  
11-26-85  
CONSERVATION DIVISION

Operator Name Douglas Energy..... Lease Name James..... Well# 1... SEC19... TWP.34... RGE34.....

East  
 West

**WELL LOG**

**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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Heebner	4291 (-1324)	4300 (-1333)
Toronto	4320 (-1353)	4350 (-1383)
Lansing	4418 (-1451)	4812 (-1845)
Marmaton	5169 (-1845)	
Marmaton Porosity	5169 (-2202)	5208 (-2241)
Morrow Fm Upper	5812 (-2845)	6140 (-3173)
Morrow Sd Lower	5838 (-2871)	5868 (-2901)
Morrow Sd	6112 (-3145)	6140 (-3183)
Chester Fm	6140 (-3173)	6435 (-3468)
St. Genevieve	6435 (-3468)	6540 (-3573)
St. Louis	6540 (-3573)	
St. Louis Oolitic Zone	6603 (-3636)	6650 (-3683)

**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	12 1/4	8 5/8	23	1686	Hal Lite Class H	500	12.5% CaCl <sub>2</sub>
Production	7 7/8	5 1/2	15.5	6684	50/50 Poz	210	10% salt 12.5% Gil, 2% gel

**PERFORATION RECORD**

**Acid, Fracture, Shot, Cement Squeeze Record**

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
	See Attachment #1		

**TUBING RECORD**

size 2 7/8 set at 5780 packer at 5780 Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing method  flowing  pumping  gas lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	0	1500	0		

**METHOD OF COMPLETION**

Disposition of gas:  vented  sold  used on lease  
 open hole  perforation  other (specify) \_\_\_\_\_  
 Dually Completed.  Commingled

**PRODUCTION INTERVAL**

Upper Morrow:  
5836 to 5840

Attachment #1

Squeeze Perfs:

4	shots at 6640, squeezed	25	sacks Class H cement
4	"	5832	25
4		6390	25
4		6347	75

12/84 Initial Completion: Dual Completion

4 shots/ft from 6416 to 6426, Lower Chester Sand  
Breakdown: Broke down perfs with 30 bbls diesel; treated with 5 gal Baker 950A, then 6000 gal gelled diesel with 2300# of 1021 sand; flushed with 102 bbl gelled diesel.

Lower Morrow Sand

4 shots/ft from 6121 to 6130

Breakdown: Broke down perfs with 88 bbl oil and diesel, treated with 220 gal 950-950A Baker Chemical, 1500 gal 7.5% HCl with clay stabilizers, bond emulsifier and corrosion, inhibitor, flushed with 90 bbl diesel.

Frac: Fraced with 20,000 gal of gelled acid with friction recucer and clay stabilizer and 42,000# of sand and 600 cu.ft. of CO<sub>2</sub>.

7/85 Workover

Set Cast Iron Bridge Plug at 6060' with 10 sx cement, plugging off Lower Morrow and Lower Chester Zones.

Perfed Upper Morrow Sand from 5836 to 5840 with 2 shots/ft. Well flowed with no breakdown and no frac.

RECEIVED  
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CONSERVATION DIVISION  
Wichita, Kansas