

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 Douglas Energy Company, Inc.
address 4013 N.W. Expressway, #310

City/State/Zip Oklahoma City, OK 73116

Operator Contact Person Jeffrey H. White
Phone 405/843-0400

Contractor: license # 5146
name Beredco

Wellsite Geologist Jeffrey H. White
Phone 405/843-0400

PURCHASER: CENTRAL CRUDE - EW.

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

0/11/84 10/21/84 12/7/84
Start Date Date Reached TD Completion Date

6684' RTD 6636'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1686 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

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

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

County Seward

150'W of C SE NW Sec 19 Twp 34 Rge 34 X 1/4

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

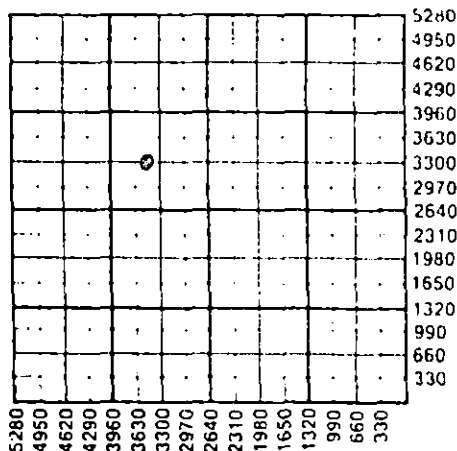
Lease Name James Well# 1-19

Field Name RG
Lower Chester Sand-Oil

Producing Formation Lower Morrow Sand-Oil

Elevation: Ground 2954' KB 2967'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T-83-725

Groundwater 330' Ft North From Southeast Corner (Well) 4290' Ft West From Southeast Corner Sec 19 Twp 34 Rge 34 East West

Surface Water Ft North From Southeast Corner (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 # 2-19-85
RECEIVED
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

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 for 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.

If 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 Jeffrey H. White
Title Geologist Date 2/8/85

Subscribed and sworn to before me this 8th day of February 1985

Notary Public Chadalyne H. Allman
Notary Commission Expires 7-26-87 Oklahoma County, Oklahoma

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution:
 KCC SWD Rep NGPA
 KGS Plug Other (Specify)

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

Inc. Operator Name Douglas Energy Company, Lease Name James Well# 1 SEC 19 TWP 34 RGE

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 (-1313)
Toronto	4320 (-1353)	4350 (-138)
Lansing	4418 (-1451)	4812 (-184)
Marmaton	4812 (-1845)	
Marmaton Porosity	5169 (-2202)	5208 (-224)
Morrow Fm	5812 (-2845)	6140 (-317)
Upper Morrow Sn	5838 (-2871)	5868 (-290)
Lower Morrow Sn	6112 (-3145)	6140 (-318)
Chester Fm	6140 (-3173)	6435 (-346)
Lower Chester Sn	6415 (-3445)	6426 (-345)
St. Genevieve	6435 (-3468)	6540 (-357)
St. Louis	6540 (-3573)	
St. Louis Oolitic Zone	6603 (-3636)	6650 (-368)

RELEASED
 JUN 05 1986
 FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> new <input 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	1686	Halite Class H	500	12.1/2% CaCl ₂
Production	7.7/8	5.1/2	15.5	6684	50/50 Pause Class H	210	10% Salt
						50	12.1/2% Gil. 10 Salt, 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				Liner Run	
size	set at	packer at		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2 7/8	6371	6371			

Date of First Production	Producing method				
Lower Morrow 12/7/84	<input checked="" type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
Lower Chester Shutin					

Estimated Production Per 24 Hours	Oil		Gas	Water	Gas-Oil Ratio	Gravity
	Bbls		MCF	Bbls	CFPB	
Lower Chester Sand	45		10	0	.225	40
Lower Morrow Sand	40		35	8	1180	42

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL
 6416-6426/Lower Chester
 6121-6130/Lower Morrow

CONFIDENTIAL

Attachment #1

Squeeze Perfs:

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

Production Perfs:

4 shots/ft., 6416 to 6426

Broke down perfs with 30 bbls diesel; treated w/1-5 gal Baker 950A chemical, then 6000 gal gelled diesel with 2300# & 1021 sand; flushed with 102 bb/s gelled diesel;

4 shots/ft. 6121-6130

Broke down perfs with 88 bbl oil & diesel; treated with 220 gal 950-950A chemical, 1500 gal 7 1/2% H Cl with clay stabilizers, bond emulsifier & corrosion inhibitor, flushed with 90 bbl. diesel.

FEB 20 1985

State Geological Survey
WILLIAMS BRANCH

RECEIVED
STATE CORPORATION COMMISSION
RELEASED

FEB 10 1985
JUN 05 1986
CONSERVATION DIVISION
Wichita, Kansas
FROM CONFIDENTIAL