

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 Suite 310  
City/State/Zip Oklahoma City, Oklahoma 73116

Operator Contact Person JEFF WHITE  
Phone 405-843-0400

Contractor: license # 7345  
name TRIAD DRILLING

Wellsite Geologist EDWIN GRIEVES  
Phone 405-721-2124

Designate Type of Completion  
 New Well  Re-Entry  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  
8-18-84 9-1-84 9-14-84  
Spud Date Date Reached TD Completion Date

6800 6684  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1726 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- 175-20771-00-00  
County SEWARD  
C NW SW Sec 19 Twp 34 Rge 34 (XW)

1980  
4620 Ft North from Southeast Corner of Section  
Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

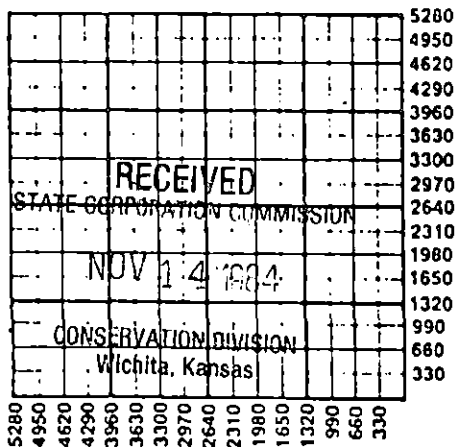
Lease Name ROY GREEN Well# 3-19

Field Name RG

Producing Formation LOWER CHESTER SAND

Elevation: Ground 2962 KB 2975

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # T83-725

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

Surface Water Ft North From Southeast Corner a  
(Stream, Pond etc.) Ft West From Southeast Corn  
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 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.

Wichita, Kansas

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 [Handwritten Signature]  
Title [Handwritten Title]  
Date 11-7-84

Subscribed and sworn to before me this 7th day of November 1984  
Notary Public [Handwritten Name]  
Date Commission Expires 11/12/85

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
SWD/Rep  NGPA  
Plug  Other (Specify)  
KCC COMMISSION  
KGS  
12-27-84  
Wichita, Kansas

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

Vertical handwritten note on the right margin.

WELL LOG

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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

DST#1: Upper Morrow, 5867 to 5900  
 IO: Very weak and died in 10 min.  
 FO: Very weak and died in 15 min.  
 Rec: 30' mud  
 IHP: 2808  
 IFP: 55 to 39 in 30 min  
 ISIP: 45 in 60 min  
 FFP: 42 to 36 in 30 min  
 FSIP: 29 in 60 min  
 FHP: 2779  
 Max Hole Temperature: 128° F

DST#2: Lower Morrow Sand, 6144 to 6180  
 IO: Fair increasing to strong  
 FO: Strong throughout  
 Rec: 90' slightly gas cut mud  
 IHP: 3019  
 IFP: 65 to 52 in 30 min  
 ISIP: 924 in 60 min  
 FFP: 72 to 55 in 90 min  
 FSIP: 1882 in 190 min  
 FHP: 2931  
 Max Hole Temperature: 140° F

Name	Top	Bottom
Heebner (shale)	4317(-1342)	
Toronto (lmst)	4340(-1365)	
Lansing (lmst)	4438(-1463)	
Marmaton Porosity Zone (lmst)	5182(-2207)	
Black Shale Marker	5562(-2587)	
Morrow Fm. (shale)	5867(-2892)	
Chester Fm. (shale & lmst)	6176(-3201)	
Lower Chester Sand Zone	6441(-3466)	
Producing Zone	6456(-3481)	
St. Genevieve	6536(-3561)	

RELEASED  
 OCT 03 1986  
 FROM CONFIDENTIAL

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	1726	Hal Lite	600	
Production.....	7 7/8	5 1/2	15.5	6800	Class H. 50/50 Poz	200 385	2% Tail 10% salt; 2% gel; 12% gill
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 "A"						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
Chester: 9/14/84		<input checked="" type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift		Other (explain) .....			
Morrow: 6/12/85							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravily		
	Chester test: 271	1956		7210/1	38°		
	Morrow test: CAOF 5900	MCF	Bbls	CFPB			

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  
 open hole  perforation  other (specify) .....

PRODUCTION INTERVAL  
 Chester: 6455 to 6510  
 Morrow: 6143 to 6155

Dually Completed.  
 Commingled

Initial Completion-9/84

**CONFIDENTIAL.**

Lower Chester Sand

Perforations: 6455 to 6473 and 6481 to 6510 @ 4 shots/ft.

Treatment: Broke down perms with 218 bbl. treated diesel, 41 bbl. lease crude, 4 drums paraffin inhibitor. Fraced with 40,000 gal. gelled oil, 72,000lb. # 1630 sand in 4 stages. Flushed with 150 bbl. lease crude.

Workover-6/84

Lower Morrow Sand

Perforations: 6143 to 6155 @ 4 shots/ft.

Treatment: Broke down perms with 2000 gal of 7 1/2 % acid and 4 gal. clay stabilizier; flushed with 36 bbl. of 2% KCl. Fraced with 40,000 gal. 3% gelled acid containing 80 gal clay stabilizier, 80 gal. non-emulsifier, 80 gal. corrosion inhibitor, and 96,500lb. sand. Flushed with 26 bbl. KCl water. All fluid contained 800 SCF/bbl. CO<sub>2</sub>.

DUAL COMPLETION; BOTH ZONES PRODUCING

OCT 11 1965  
State Geological Survey  
WICHITA BRANCH

RECEIVED  
STATE COMMISSION

AUG 8 1965

COM. & MINE DIVISION  
Wichita, Kansas

WELL LOG

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Formation Description  
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 Max Hole Temp. 128° F  
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 Max hole temp: 140° F

Name	Top	Bottom
HEEBNER(shale)	4317	4330
TORONTO (lmst)	4340	4370
LANSING (lmst)	4438	4540
MARMATON POROSITY ZONE (oolitic lmst)	5182	5240
BLACK SHALE MARKER	5562	5573
MORROW FORMATION(shale)	5867	6176
CHESTER FORM. (lmst/sh)	6176	6536
UPPER CHESTER (lmst)	6211	6234
LOWER CHESTER SAND ZONE	6441	6514
LOWER CHESTER SAND	6456	6514
ST. GENEVIEVE	6536	6620

RELEASED  
 JAN 22 1987  
 FROM CONFIDENTIAL

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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	1726	Halib. lt. Class H	600	2% cc Tail
PRODUCTION	7 7/8	5 1/2	15 1/2	6800	50/50 Pause	200 385	10% salt, 2% total gel, 12% GELSTITE
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	6455 to 6473			Broke down perfs w/218 bbls treated diesel, 41 bbl lease crude, 4 drums periphen inhibitor. Fraced with 40,000 gal gelled oil, 1630 sand in stages. Flushed w/150 bbls lease crude.			6455 to 6510
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production 9-14-84		Producing method <input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours	Oil 1200 Bbls	Gas 300 MCF	Water 0 Bbls	Gas-Oil Ratio 250	Gravity 44°		

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  
 open hole  perforation  other (specify) .....

PRODUCTION INTERVAL  
 6455 to 6473  
 6481 to 6510

Dually Completed.  
 Commingled