

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

Operator: License # 31560
Name: Maxwell Operating Co., Inc.
Address 1675 Broadway, Suite 1060
Denver CO 80202
Purchaser: N/A
Operator Contact Person: Brian Karlin
Phone (913) 628-6783
Contractor: Name: Discovery Drilling, Inc.
License: 31548
Wellsite Geologist: Ron Nelson

Designate Type of Completion
New Well Re-Entry Workover
Oil SWD SIGW Temp. Abd.
Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: L.D. Drilling, Inc.
Well Name: John Miller # 1
Comp. Date 11/25/91 Old Total Depth 3360'

Deepening Re-perf: Core to Inj/SWD
Plug Back PBTD
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

12/4/96 12/9/96 12/10/96
Date of REENTRY Date Reached TD Completion Date

API NO. 15- 005-24499 0001 ORIGINAL
County Barton
APPROXIMATE NW - SE Sec. 4 Twp. 16S Rge. 12W

2160 Feet from (S)N (circle one) Line of Section
1800 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)
Lease Name Miller (OWWO) Well # 1

Field Name _____
Producing Formation None

Elevation: Ground 1881 KB 1889
Total Depth 3360 PBTD _____

Amount of Surface Pipe Set and Cemented at 419' 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/ _____ ex cmt.

Drilling Fluid Management Plan UNSUCCESSFUL REENTRY *JW*
(Date must be collected from the Reserve Pit) 3-13-97

Chloride content 12,000 ppm Fluid volume 2500 bbls
Dewatering method used Evaporation

Location of fluid disposal if hauled offsite _____

Operator Name _____
Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ Rng. _____ E/W _____
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Brian Karlin
Title Production Manager Date 2-24-97

Subscribed and sworn to before me this 24 day of February 19 97.
Notary Public Rischel Betts
Date Commission Expires 4-13-99

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC _____ SWD/Rep _____ NEPA _____
KGS _____ Plug _____ Other _____
(Specify)

RISCHEL BETTS
Notary Public - State of Kansas
My Appl. Expires 4-13-99

Operator Name Maxwell Opera' g Co., Inc.

Lessee Name Mill (OWWO)

Well # 4

Sec. 4 Twp. 16S Rge. 12W

East
 West

County Barton

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:

ELI Wireline---Radiation Guard Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Topeka Lm	2677	-792
Heebner Sh.	2960	-1075
Toronto Lm.	2978	-1097
Lans./KC	3058	-1173
Base KC	3307	-1422
Conglomerate	3319	-1434
LTD	3362	-1477

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
	12 1/4"	8 5/8"	24 *	419'			

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or [in].		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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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 _____



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (913) 623-2920 • CELLULAR (913) 635-1511

ORIGINAL

15-009 24499-0001

DRILLER'S LOG

Operator: **MAXWELL OPERATING CO.**
1675 Broadway, Suite 1060
Denver, CO 80202

Contractor: **DISCOVERY DRILLING, INC.**
P.O. Box 763
Hays, KS 67601

Lease: Miller (OWWO) #1

Location: NE/NW/SE
Sec. 4/16S/12W
Barton Co., KS

Loggers Total Depth: 3362'
Rotary Total Depth: 3360'
Commenced: 12/04/96
Casing: 8 5/8 @ 419' Set in 1991

Elevation: 1881 Gr/1889KB
Completed: 12/10/96
Status: D&A

DEPTHS & FORMATIONS

(All measurements from K.B.)

Surface, Sand & Shales	0'	Shales	1567'
Surface Set @ 419'		Shales & Lime	1879'
Out of hole @ 500'		Lime & Shales	2654'
Shales	500'	RTD	3360'
Shales & Lime	1347'		

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1997 MAR 10 P 3:31

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling, Inc. states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm

Subscribed and sworn to before me on 12-18-96

My Commission Expires: 10-12-98

(Place stamp or seal above.)

Christine Schlyer
Notary Public

