

plugged 10-3-87

SIDE ONE

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

5

API NO. 15-009-24,249-0000
County... Barton
SE...SE...SE Sec. 1... Twp 16... Rge. 11... X East
West

Operator: License # 3536
Name RAMCO Drilling Services, Inc.
Address PO Box 99
City/State/Zip Belpre, OH 45714

330 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....

Lease Name John McFarland..... Well # 1
Field Name.....

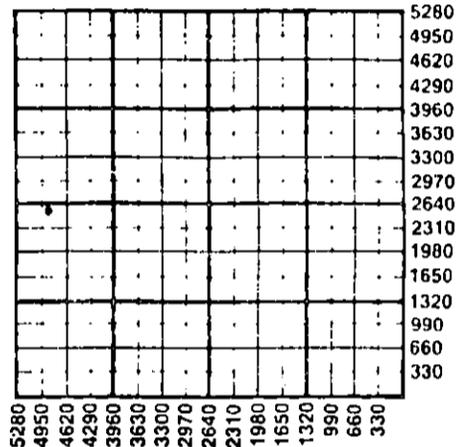
Operator Contact Person Robert Williamson
Phone (614) 423-9591

Producing Formation.....
Elevation: Ground 1895..... KB 1902'

Contractor: License # 5929
Name Duke Drilling Co., Inc.

Wellsite Geologist Robert W. Smith
Phone (316) 564-3362

Section Plat



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.....

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
9-28-87 10-3-87 10-3-87
Spud Date Date Reached TD Completion Date
3450
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 392 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
Cement Company Name
Invoice #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....

Groundwater..... Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water 2640 Ft North from Southeast Corner
(Stream, pond etc) 660 Ft West from Southeast Corner
Sec 20 Twp 16 Rge 10 East West

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

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 Robert A. Williams
Title VP/EXPLORATION Date 11-17-87

Subscribed and sworn to before me this 17th day of Nov 1987
Notary Public Jo Ann Watson
Date Commission Expires.....

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)

Jo Ann Watson, Notary Public,
State of Ohio, My Commission
Expires January 20, 1991.

NOV 20 1987
11-20-87
CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (5-86)

Sec 1 Twp 16 Rge 11

SIDE TWO

Operator Name RAMCO Drilling Services, Inc. Lease Name John McFarland Well # 1

Sec. 1 Twp. 16 Rge. 11 East West County Barton

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

DST RESULTS

#1-Lansing/Kansas City, "C" - "G", 3097'-3170',
 30"-30"-30"-30"
 IHP: 1512 FHP: 1512 BHT: 96°
 IFP: 79-126 Very weak blow died in 12 min.
 FFP: 126-141 No blow
 SIP's: 958-943
 Recovery: 180' slightly gas cut mud

Name Top Bottom

FORMATION TOPS

Heebner Shale	2944 (-1042)	2949
Brown Lime	3042 (-1140)	3049
Lansing/Kansas City	3061 (-1159)	3298
Arbuckle	3396 (-1494)	NDE

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 Casing	12 1/4"	8-5/8"	20#	392'	60/40 poz	190	2% gel 3% cc
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PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
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.....
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TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....
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Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Conmingled

Checked by: [Signature]
 Date: [Date]
 1991