

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

S

API NO. 15-007-22, 218-00-00

County Barber

..... NE.. NW.. Sec..16. Twp.30S.Rge..13. East
..... X West

Operator: License # 3536
Name RAMCO Energy Corporation
Address 127. Lee Street, P.O. Box 99
City/State/Zip Baldwin, OH 45714

4620 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name K. D. Lemon ET AL Well # 1

Purchaser

Field Name

Operator Contact Person David Gocke
Phone (614) 423-9591

Producing Formation

Elevation: Ground 1856' KB 1869'

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Scott Alberg
Phone

Designate Type of Completion
X New Well Re-Entry Workover

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

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

WELL HISTORY

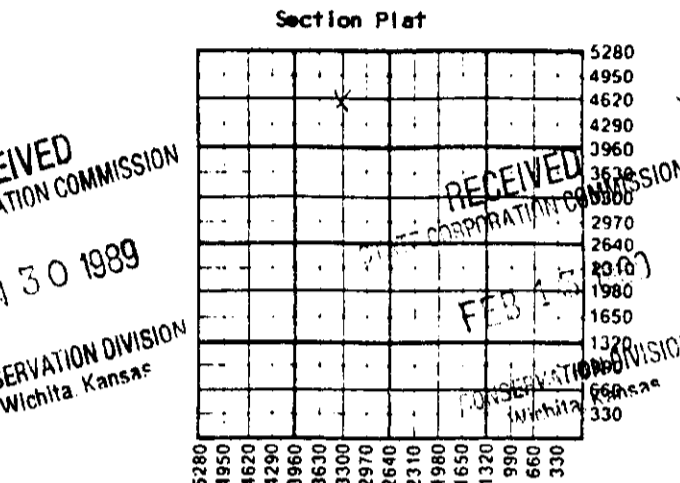
Drilling Method:
X Mud Rotary Air Rotary Cable

1-12-89 1-22-89 1-22-89
Spud Date Date Reached TD Completion Date

4602' Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 139 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

DYA



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # 89-027
X Groundwater 4720 Ft North from Southeast Corner
(Well) 3250 Ft West from Southeast Corner of
Barber Co. Sec 16 Twp 30S Rge 13 East X 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. #)

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 [Signature]
Title Asst. VP/Eng Date 1-27-89

Subscribed and sworn to before me this day of 19
Notary Public James E. Blair
Date Commission Expires James E. Blair, Notary Public
State of West Virginia
My Commission Expires April 7, 1994

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)
1-30-89
Form ACO-1 (5-86)

Sec. 16 Twp. 30 Rgd. 13

Operator Name Abercrombie Drilling, Inc. Lease Name K D Lemon ET AL Well # 1

RELEASED

Sec. 16 Twp. 30S Rge. 13 County Barber East West MAR 07 1990

WELL LOG

FROM CONFIDENTIAL

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

DST #1 4354'-4405' 30-30-30-30 IHP 2169,
 IFP 31-31, ISIP 51, FFP 31-31, FSIP 41,
 FHP 2127, Temp 116 F. Rec'd 20' dark
 mud.

DST #2 4444'-4466' 30-60-30-60 IHP 2262,
 IFP 21-21, ISIP 62, FFP 21-21, FSIP 62,
 FHP 2179, Temp 121 F. Rec'd 15' drlg
 mud.

DST #3 4558'-4590' 30-60-45-90 IFP 2283,
 IFP 31-52, ISIP 1108, FFP 52-72,
 FSIP 1056, FHP 2283, Temp 123 F. Rec'd
 3650' GIP, 40' FO, 120' HG&HOCM.

Name	Formation Description	
	Top	Bottom
Heebner	3746	(-1877)
Toronto	3766	(-1897)
Douglas Sh	3788	(-1919)
Brn. Lime	3932	(-2063)
Lansing	3952	(-2083)
B/KC	4353	(-2484)
Marmaton	4360	(-2491)
Mississippi	4441	(-2572)
Viola	4429	(-2560)
Simpson Sh	4595	(-2726)
RTD	4601	(-2732)

CASING RECORD <input type="checkbox"/> New <input checked="" 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	17 1/2"	13 3/8"	48#	139'	60/40 pos	180	2% gel, 3% cc
Intermediate	12 1/4"	8 5/8"	24#	1085'	HLC	450	2% cc, 1% floccul
					60/40 pos	150	2% gel, 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer at				
Date of First Production		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	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
 Commingled

15-007-22,218-00-90

FORM MUST BE TYPED
FORM C-1 12/88

State of Kansas
NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date 1 18 89
month day year

NE NW Sec 16: Twp 30 S, Rg 13 East
West

OPERATOR: License # 3536
Name: Ramco Energy Corporation
Address: 127 Lee Street, P. O. Box 99
City/State/Zip: Belpre, OH 45714
Contact Person: David Goeke
Phone: (614) 423-9591

4620' feet from South line of Section
3300' feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5422
Name: Abercrombie Drilling, Inc.

County: Barber
Lease Name: K.D. Lemon Et Al Well #: 1
Field Name: UNKNOWN

Well Drilled For: Well Class: Type Equipment:
 Oil ... Inj ... Infield Mud Rotary
... Gas ... Storage Pool Ext. ... Air Rotary
... CMO ... Disposal ... Wildcat ... Cable
... Seismic; ... # of Holes

Is this a Prorated Field? ... yes no
Target Formation(s): Arbuckle
Nearest lease or unit boundary: 660'
Ground Surface Elevation: Not Staked feet MSL

If CMO: old well information as follows:
Operator: N/A
Well Name: _____
Comp. Date: _____ Old Total Depth _____

Domestic well within 330 feet: ... yes no
Municipal well within one mile: ... yes no
Depth to bottom of fresh water: 160'
Depth to bottom of usable water: 200'
Surface Pipe by Alternate: ... 1 2
Length of Surface Pipe Planned to be set: 1050'
Length of Conductor pipe required: 125'

Directional, Deviated or Horizontal wellbore? ... yes no
If yes, total depth location: N/A

Projected Total Depth: 4650'
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations:
 well ... farm pond ... other
DWR Permit #: N/A
Will Cores Be Taken?: ... yes no
If yes, proposed zone: N/A

PUSHER Harvey Moore
TD 4602 FORMATION
SURFACE PIPE @ 1080'
ANHYDRITE ELEVATION
STARTING TIME & DATE 10/21-22/89
COMPLETION TIME & DATE 11/15-12/89
1st PLUG @ 1100 FT. WI 50 SX
2nd PLUG @ 500 FT. WI 40 SX
3rd PLUG @ 40 FT. WI 10 SX
4th PLUG @ _____ FT. WI _____ SX
RAT HOLE CIRCULATED WI 15 SX
MOUSE HOLE CIRCULATED WI 10 SX
WATER WELL PLUGGED WI 15 SX
CEMENT COMPANY Howco
TECHNICIAN B.L.

720' Reg. Act 2
Mud in 12-89
set 8/8 of 1050
125' of 13 3/8

5280	2310
4950	1980
4620	1650
4290	1320
3960	990
3630	660
3300	330
2970	
2640	
2310	
1980	
1650	
1320	
990	
660	
330	

6 months of effective date.)
Spud date: _____ Agent: _____

- REMEMBER TO:
- File Drill Pit Application (form CDP-1) with Intent to Drill;
 - File Completion Form ACO-1 within 120 days of spud date;
 - File acreage attribution plat according to field proration orders;
 - Notify appropriate district office 48 hours prior to workover or re-entry;
 - Submit plugging report (CP-4) after plugging is completed;
 - Obtain written approval before disposing or injecting salt water.

RECEIVED
STATE CORPORATION COMMISSION
JAN 26 1989
CONSERVATION DIVISION
Wichita, Kansas