

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

API NO. 15-175-20-577-00-00

County... Seward

- C W/2 Sec. 23 Twp. 34S Rge. 31W East West

2640 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name... Keating Well #... 23-A

Field Name... KNEELAND

Producing Formation... Morrow

Elevation: Ground... 2457' KB

Operator: License #
Name... Ricks Exploration Company
Address... 5600 N. May, Suite #350
City/State/Zip... Oklahoma City, OK 73112

Purchaser... Reliance Pipeline (effective 5/86)
1667 Cole Blvd, Suite #300
Golden, CO 80401

Operator Contact Person... Chery Bennett
Phone... (405)840-9099

Contractor: License #... 5141
Name... Zenith Drilling Company

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover

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

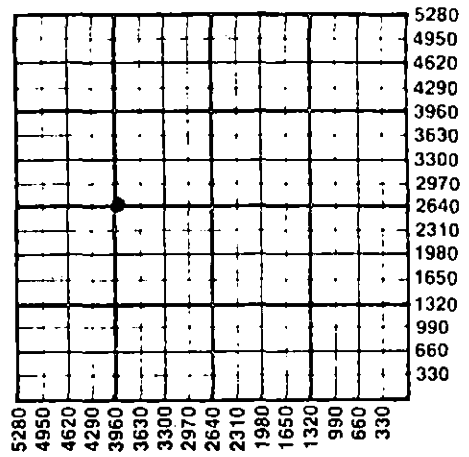
If OHWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11/13/81 11/25/81 6/3/82
Spud Date Date Reached TD Completion Date
6050' 5800'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1466' 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 #

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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... 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-111 form with all temporarily abandoned wells. JUN 23 1989

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... Chery Bennett
Title... Production Secretary Date... 6-19-86

Subscribed and sworn to before me this 19 day of June 1986.
Notary Public... Diane Kraus
Date Commission Expires... 4-24-89

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)

Sec 23 Twp 34S Rge 31W

SIDE TWO

Operator Name Ricks Exploration Company Lease Name Keating Well # 23-A

Sec. 23 Twp. 34S Rge. 31W East West County. Seward

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

Keating - Atoka (5338-5343)
 Rec 65' of SOCM
 INP 2566
 IFP 34-34/60 min.
 ISIP 205/60 min.
 FFP 51-34/60 min.
 FSIP 582/120 min.
 FHP 2395

Name	Top	Bottom
Anhydrites	0	1496
Lime	1496	6050

CASING RECORD <input 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"	24#	1466	Lite Class	700	2% cc. 1/4# flocele
Production csg.	7 7/8"	4 1/2"	95#	6030	50-50 poz	300	3% cc. 1/4# flocele 18% salt 12 1/2# gal 3/4% CFR 2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	5564-5572'			10,000 gal. 7.1/2% HCL. &		5564-5572'	
				20,000 gals. gelled acid. &			
				20,000#. 10-20 sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2 3/8"		Set At 5552'		Packer at 5520'			
Date of First Production		Producing Method					
11-7-83		<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	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

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # _____ EXPIRATION DATE _____

OPERATOR Ricks Exploration Company API NO. 15-175-20, 577

ADDRESS P. O. Box 2077 COUNTY Seward

Oklahoma City, OK 73101 FIELD _____

** CONTACT PERSON K. Bennett PROD. FORMATION Morrow

PHONE (405) 239-2675

PURCHASER Panhandle Eastern Pipeline Co. LEASE Keating

ADDRESS P. O. Box 1348 WELL NO. 23-A

Kansas City, MO 64141 WELL LOCATION Sec. 23-34S-31W

DRILLING Zenith Drilling Company 2640Ft. from South Line and

CONTRACTOR 1320Ft. from West Line of

ADDRESS P. O. Box 667 the (Qtr.) SEC 23 TWP 34 RGE 31W

Liberal, Kansas

PLUGGING N/A WELL PLAT (Office Use Only)

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 6050 PBTD 5800

SPUD DATE 11/13/81 DATE COMPLETED 6/3/82

ELEV: GR 2457 DF _____ KB _____

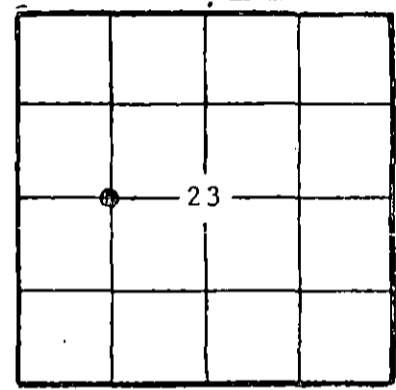
DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE -

Amount of surface pipe set and cemented 1466 DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, (Shut-in Gas), Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.



KCC _____
KGS _____
SWD/REP _____
PLG. _____

AFFIDAVIT

K. Bennett, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 2nd day of September, 19 82.

(NOTARY PUBLIC)

MY COMMISSION EXPIRES: March 3, 1984

RECEIVED
KANSAS CORPORATION COMMISSION
CONS. DIV. WICHITA, KS

** The person who can be reached by phone regarding any questions concerning this information.

JUL 23 1986

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Ricks Exploration Co. LEASE Keating

SEC. 23 TWP. 34 SRGE. 31W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Anhydrites	0	1496		
Lime & Shale	1496	6050		
DST: Keating-Atoka (5338-5343) Rec 65' of SOCM INP 2566 IFP 34-34/60 min. ISIP 205/60 min. FFP 51-34/60 min. FSIP 582/120 min. FHP 2395				

Report of all strings set—surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	12 1/2	8 5/8	24#	1466	Lite Class H	700 200	2%cc, 1/4# flacele 3%cc, 1/4# flacele
PROD. CSG.	7 7/8	4 1/2	95#	6030	50-50 Poz	300	18% salt, 12 1/2# gi. 3/4% CFR 2

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			2	3 1/8 Csg. Gun	5564-5572
Size 2 3/8	Setting depth 5552	Packer set at 5520			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 Gal. 7 1/2% HCL	5564-5572
20,000 Gals. gelled acid & 20,000# 10-20 sd.	"

Date of first production SI for PLC	Producing method (flowing, pumping, gas lift, etc.) flowing	Gravity	RECEIVED STATE CORPORATION COMMISSION CONS. DIV. WICHITA, KS CFPB
RATE OF PRODUCTION PER 24 HOURS	Oil - Gas 1000 Water % - bbls. MCF bbls.	Gas-oil ratio	
Disposition of gas (vented, used on lease or sold) Vented		Perforations 5564-5572	

JUL 23 1986