

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

API NO. 15-195-21,669

Ind 4/29/85
5-2-86
KCC

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

County...Trego.....

SW NW NW Sec. 17 Twp. 13S Rge. 21 East West

DESCRIPTION OF WELL AND LEASE

4290..... Ft North from Southeast Corner of Section
4950..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Operator: License # 6249
Name Zenith Petroleum Corporation
Address 1235 North Loop West
Suite 919
City/State/Zip Houston, Texas 77008

Lease Name Keller Well # A#4

Field Name Riga, West*

Purchaser Koch Oil Company
P.O. Box 2256 Wichita, Kansas 67201

Producing Formation Marmaton

Operator Contact Person Joe Gibson
Phone AC 713 863-7741

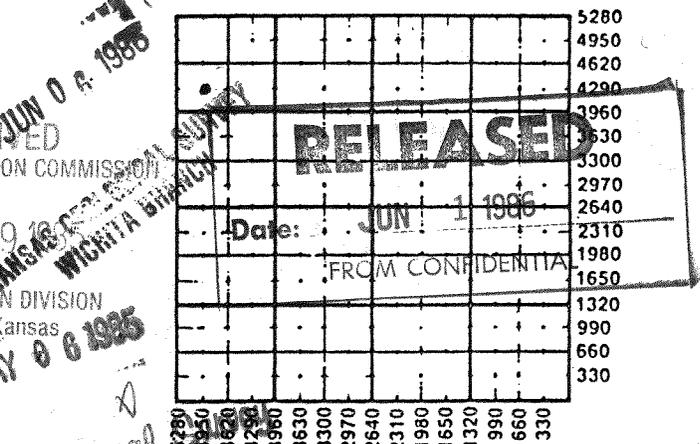
Elevation: Ground 2198 KB 2203
Section Plat

Contractor: License # 5671
Name Reylin Drilling, Inc

Wellsite Geologist STATE CORPORATION COMMISSION OF KANSAS
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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket # D-23,233

WELL HISTORY
Drilling Method: Mud Rotary Air Rotary Cable
Spud Date 2-2-85 Date Reached TD 2-7-85 Completion Date 3-6-85
Total Depth 4010 PBDT 3989

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) Pond on Keller Lease (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 300 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 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.

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 *Clarence Hazeldean*

Operator Agent Date 3/22/85

Subscribed and sworn to before me this 22nd day of March 1985

Notary Public *Joycelyn Crouch*

State Commission Expires 7/11/87

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Sec 17 Twp 13S Rge 21 W

KCC records indicate this section, township and range is in the Riga, NW Field. However Zenith has made application for this area to be a part of the Riga, West Field. See docket number NP28517 which is scheduled to be heard in early March, 1985.

Operator Name Zenith Petroleum Corporation Lease Name Keller Well # A#4

Sec. 17 Twp. 13S Rge. 21 East West County Trego

CONFIDENTIAL

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.

17-13S-21W
Keller A#4
MAY 06 1985

State Geological Survey
WICHITA BRANCH

Drill Stem Tests Taken Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	1632	
Topeka	3290	3333
Heebner	3519	3537
Toronto	3537	3546
Lansing	3552	3618
Marmaton	3877	3916
Arbuckle	3970	4010 (T.D.)

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	Size Casing	Weight	Setting	Type of	#Sacks	Type and Percent
Surface	Drilled 12 1/4"	Set (in O.D.) 8 5/8"	Lbs/Ft. 24#	Depth 260'	Cement Pozmix	Used 175	Additives 60-40 w/2% gel & 3% CACL
Production	7 7/8"	4 1/2"	10.5#	4009	Common	150	10% salt, 2% gel & 3/4% CFR-2
DV tool @ 1656	squeezed	400 sxs	Common Cement	w/8% gel	and 10 sxs	Common	Cement w/10% salt
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 SPF	3883-3914 Acidized w/500 gallons			2% KCL water. Acidized and fraced w/500		3800#'s. of	
	gallons of 15% double FE acid followed by 23,650			gallons of Versagel LT		3800#'s. of	
	100 mesh sand, 21,000#'s. of 20-40 mesh sand and			2,800#'s. of 12-20 mesh resin coated			
	sand. Broke formation down with 1,200#'s. and pumped in at 2BPM @ 510#'s.						
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 3/8"	3889	None			
Date of First Production		Producing Method					
3-7-85		<input type="checkbox"/> Flowing <input checked="" 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	
73 Bbls		Too small to measure	MCF	8 Bbls	N/A	CFPB	

METHOD OF COMPLETION

Productio.

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3883-3914
 Used on Lease Dually Completed
 Commingled

2% gel, 3/4% CFR-2 Cement out DV tool. Circulated an estimated 75 sxs cement to pit.