

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

Operator: License # 4291
Name ... TRANS. RESOURCE DEV. CORP.
Address BOX 14983
City/State/Zip Lenexa, Kansas 66215

Purchaser

Operator Contact Person Tim Watkins
Phone 913-561-1862

Contractor: License # 567J
Name ... Revlin Drllg. Inc.
Box 293 Russell, Kansas 67665

Wellsite Geologist Michael P. Fletcher
Phone 316-792-6343

Designate Type of Completion
New Well Re-Entry Workover
Oil SWD Temp Abd
Gas Inj Delayed Comp.
x Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
x Mud Rotary Air Rotary Cable
10-2-86 5-22-87 5-22-87
Spud Date Date Reached TD Completion Date
4310 1530
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 528 feet
Multiple Stage Cementing Collar Used? Yes x No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to SX cmt
Cement Company Name
Invoice #

API NO. 15-135-23,055-00-00

County Ness

NE. NE. NE. Sec. 12 Twp. 18 Rge. 23 East West

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

Lease Name Ed Langer Well # 1

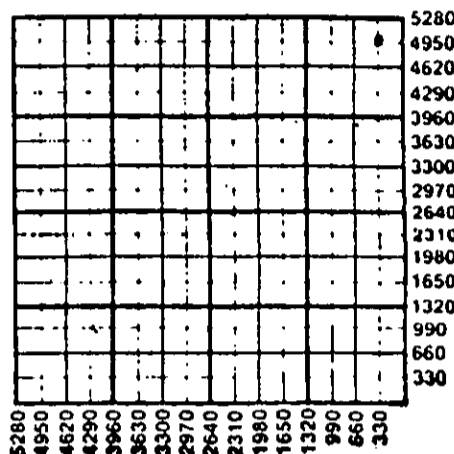
Field Name Langer

Producing Formation N/A

Elevation: Ground 2249 KB 2254

Section Plat

Dec' rd
07-14-1987



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 #

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

x Other (explain) farmers pond less than .15 acre (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 Vice President Date 7-13-87

Subscribed and sworn to before me this 13 day of July 1987.
Notary Public Kathryn L. Traub
Date Commission Expires 9-25-89

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)

KATHRYN L. TRAUB
Notary Public - State of Kansas
My Appt. Exp. 9-25-89

Sec. 12 Twp. 18 Rge. 23 W

Operator Name ... Trans. Resource Development Corp. Lease Name ... Ed Langer Well # ... 1

Sec. 12 Twp. 18 Rge. 23 East West County ... Ness

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

SEE ATTACHED PAGE

Formation Description
 Log Sample

Name	Top	Bottom
Heebner	3627'	
Toronto	3653	
Lansing/KC	3669	3961'
Marmaton	4033	
Pawnee	4071	
Ft. Scott	4162	
Cherokee	4186	
Miss. Warsaw	4246	
Miss. Osage	4262'	

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	12 1/4	8 5/8	28#	528	60-40 Poz	265	2% gel 3% CC
Production	plugged hole						
PERFORATION RECORD				Acid, Fracture, Shot, Cement, Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	N/A						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
N/A		<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		
	N/A Bbls	N/A MCF	N/A Bbls				

METHOD OF COMPLETION

Production Interval

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

15-135-23055-00-00

DST #1 4233 - 4267

Time Intervals: 30-45-15

Recovery: 10' mud with slight show oil in top of tool

Pressures: ISIP 1129
IFP 62-62
FFP 83-115

DST #2 4264 - 4270

Time Intervals: 45-45-45-45

Recovery: 30' HO & GCM (50% mud, 45% oil, 5% gas)
60' HO & GCM (70% mud, 25% oil, 5% gas)

Pressures: ISIP 1160
FSIP 1118
IFP 52-52
FFP 62-62

DST #3 4230 - 4274

Time Intervals 45-45-45-45

Recovery: 10' O & GCM (70% mud, 15% oil, 15% gas)
60' O & GCM (85% mud, 5% oil, 10% gas)

Pressures: ISIP 1170
FSIP 993
IFP 73-73
FFP 94-94

DST #4 4269 - 4292

Time Intervals: 30-45-30-45

Recovery: 420' SOCMW (5% oil in first joint)

Pressures: ISIP 1301
FSIP 1301
IFP 105-127
FFP 190-211