

ORIGINAL

CONFIDENTIAL

RELEASED

SIDE ONE

JAN 1 1 1991

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. 15-193-20,478-00-00 FROM CONFIDENTIAL

County... Thomas
NE/4 SE/4 SE/4 Sec. 22 Twp. 9S Rge. 32W East
X West

Operator: License # 6484
Name Anderson Energy, Inc.
Address 200 East First St. Suite 414
City/State/Zip Wichita, Kansas 67202

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

Purchaser Farmland Industries

Lease Name Bertrand Well # 1

Field Name Ohl

Operator Contact Person Bill Anderson
Phone 316-265-7929

Producing Formation Marmaton

Elevation: Ground 3064' 3069' KB

Contractor: License # 5302
Name Red Tiger Drilling Company

Section Plat

Wellsite Geologist John C. Carnes
Phone 265-6048

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Section Plat grid with elevations: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330

AUG - 7 1989
08-07-1989
CONSERVATION DIVISION
Wichita, Kansas

Designate Type of Completion
X New Well Re-Entry Workover

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

X 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

AUG 0 3 1989

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable
4/7/89 4/19/89 5/22/89
Spud Date Date Reached TD Completion Date
4,700' 4660'
Total Depth PBTD

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # T89-166

Amount of Surface Pipe Set and Cemented at 272 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from 1750...feet depth to surface w/510...SX cmt
Cement Company Name Allied Cementing
Invoice # 54039 and 53925

X Groundwater 1000 Ft North from Southeast Corner (Well) 400 Ft West from Southeast Corner of Sec 22 Twp 9S Rge 32W 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. #)

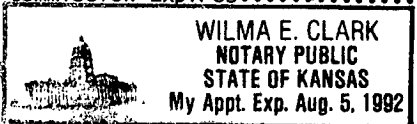
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.
Information on side two of this form will be held confidential 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 William L. Anderson
Title Secy-Treas. Date 8/4/89

Subscribed and sworn to before me this 4th day of August 1989
Notary Public
Date Commission Expires August 2, 1992

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)



Operator Name Anderson Energy, Inc. Lease Name Bertrand Well # 1

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Sec. 22 Twp. 9S Rge. 32W East West County Thomas

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

DST #1: 4209-34' (Lansing 'H' zone)
60 (45) 30 (45) Weak sfc. blow died 40 min. - 1st open.
Rec. 30' mud w/oil specks
IFP 31-31# FFP 31-31#
ISIP 363# FSIP 343#

Table with 3 columns: Name, Top, Bottom. Rows include Topeka, Heebner, Lansing, Stark, Ft. Scott, Mississippi, LTD, RTD.

DST #2: 4238-90' (Lansing 'I' & 'J' zones)
30 (30) flush & out
Weak surface blow died in 30 seconds
Rec. 20' socm (5% oil, 5% gas, 90% mud)
IFP 20-20#
ISIP 31#

DST #3: 4284-4322' (Lansing 'K' zone)
30 (30) Flush & out
Rec. 20' sgc mud (2% gas, 98% mud)
FP 20-20# SIP 395#

DST #4: 4319-43' (Lansing 'L' zone)
30 (30) 30 (30)
No blow 1st open
Weak 2" blow 2nd open
Rec. 5' gassy oil + 65' ocm (see attached sheet for additional DST's)

IFP 20-20# FFP 20-20# CASING RECORD [] New [X] Used
ISIP 72# FSIP 41#

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs/Ft., Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Rows for Surface and Production.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used) Depth. Row for 4 shots at 4505-12'.

TUBING RECORD Size 2-7/8" Set At 4625' Packer at Liner Run [] Yes [] No

Date of First Production 5-24-89 Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row for Estimated Production Per 24 Hours: 175 Bbls, 8 Bbls, 40°.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [X] Used on Lease [] Open Hole [X] Perforation [] Other (Specify) 4505-12' [] Dually Completed [] Commingled

Anderson Energy, Inc.
200 E. First St., Suite 410
Wichita, Kansas 67202

CONFIDENTIAL

ACO-1 (addition to API No. 15-193-20,478)-00-00
Bertrand #1
NE SE SE 22-9S-32W
Thomas County, KS

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ADDITIONAL DRILL STEM INFORMATION:

FROM CONFIDENTIAL

DST #5: 4449-87' (Pawnee)

30 (45) 30 (45)

6" blow 1st open

Weak blow died in 2 min. 2nd open

Rec. 120' gcm (10% gas w/slight trace of oil)+ 260' mud

IFP 62-145# FFP 155-187#

ISIP 1502# FSIP 1160#

DST #6: 4501-34' (Myrick Station)

Strong blow in 2 minutes - 1st open 30 (45) 30 (60)

Strong blow in 6 minutes - 2nd open

Gas to surface on 2nd shut-in

Rec. 690' clean, gassy oil + 310' oil cut gassy mud (10% oil,
15% gas, 75% mud) Oil gravity 45°

IFP 52-228# FFP 280-363#

ISIP 1220# FSIP 1210#

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AUG - 7 1983

DST #7: 4565-4635' (Johnson zone)

60 (45) 60 (60)

8" blow - 1st open

2½" blow - 2nd open

Rec. 5' heavy oil, 10' hocr (30% oil, 70% mud), 125' ocwm
(5% oil, 5% water, 90% mud) and 310' saltwater.

IFP 52-124# FFP 155-218#

ISIP 899# FSIP 919#

CONSERVATION DIVISION
Wichita, Kansas

**KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH**