

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 # 4335
Name Terrol Energy, Inc.
Address 3245 Broadway
City/State/Zip Boulder, CO 80302

Purchaser Oklahoma Gas
Petro Source

Operator Contact Person Terry D. Enright
Phone 303-444-4545

Contractor: License # 5107
Name H-30 Drilling, Inc.

Wellsite Geologist Joseph Blair
Phone 316-624-4024

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4-22-88 5-1-88 6-6-88
Spud Date Date Reached TD Completion Date
6750' 6400'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1685 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 # A/I-I

API NO. 15-175-21-026-00-00
County Seward
NE NE Sec 32 Twp 34S Rge 34 East West

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

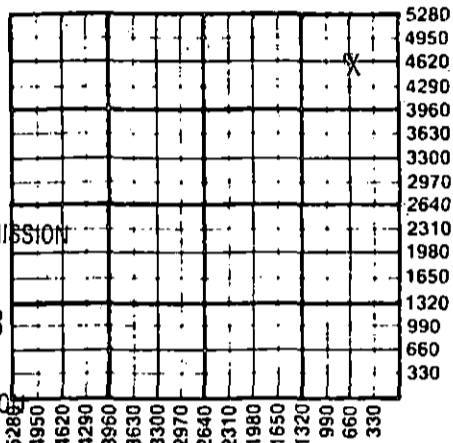
Lease Name Engel Well #. 3-32

Field Name Wideawake

Producing Formation Upper Chester

Elevation: Ground 2930 KB 2943

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
SEP - 7 1988

CONSERVATION DIVISION
Wichita, Kansas

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 # T88-196

Groundwater 3795 Ft North from Southeast Corner
(Well) 2640 Ft West from Southeast Corner of
Sec 32 Twp 34S Rge 34 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-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 Terry D. Enright
Title President Date 9/1/88

Subscribed and sworn to before me this 1 day of September 19 88
Notary Public
Date Commission Expires 7/20/89

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)
9-7-88

Sec 32 Twp 34 Rge 34

SIDE TWO

Operator Name Terrol Energy, Inc. Lease Name..... Engel Well #..... 3-32

Sec..... 32 Twp..... 34S Rge..... 34 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

Toronto (Interval 4392'-4410')

IHP 2003# (30,60,60,120 min.)
 IF 15-30#
 ISI 412#
 FF 30-30#
 FSIP 821#
 FHP 2017#

Recovery: 80' SGCM

Name	Top	Bottom
Red Bed	0	1,123'
Sand	1,123'	1,309'
Red Bed	1,309'	1,720'
Red Bed and Shale	1,720'	2,340'
Shale and Lime	2,340'	3,885'
Lime and Shale	3,885'	4,085'
Shale and Lime	4,085'	4,644'
Lime and Shale	4,644'	5,055'
Shale and Lime	5,055'	5,233'
Lime and Shale	5,233'	5,545'
Shale and Lime	5,545'	5,760'
Lime and Shale	5,760'	6,000'
Shale and Lime	6,000'	6,405'
Lime and Shale	6,405'	6,575'
Shale and Lime	6,575'	6,730'
Lime and Shale	6,730'	6,750'
Rotary Total Depth		6,750'

CASING RECORD New 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
Conductor		20"		40'	4 yards of grout		
Surface	12-1/4"	8-5/8"	24#	1685'	Lite Class H	500	1/4# Flo Seal 2%
Production	7-7/8"	4-1/2"	10.5#	6548'	Class H	345	1/4# Flo Seal 2%

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

2SPF	6190-6206	1800 Gals. 15% NE	
2SPF	6220-6234	7200 Gals. 15% NE + 122.405 SCF N ₂	Same

TUBING RECORD Size 2 3/8 Set At 6140 Packer at N/A Liner Run Yes No

Date of First Production 7/11/88 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
5 BOPD	5 BOPD	1,169	0	233,800	38

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Other (Specify) 6190-6206
 Sold Used on Lease Dually Completed Conmingled 6220-6234