

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

KCC

NOV 2

License # 8076Name: Gamma Resources, Inc.Address Box 800City/State/Zip Liberal, Ks., 67905Purchaser: Centana Energy, Corp.Operator Contact Person: Terry MaxwellPhone (316) 624-1986Contractor: Name: NALicense: NAWellsite Geologist: Dan Seeber (1970)

Designate Type of Completion

 New Well Re-Entry X Workover

 X Oil SWD SIOV Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Venus Oil Co.Well Name: Gene Black 1Comp. Date 5-70 Old Total Depth 6100

 X Deepening X Re-perf. Conv. to Inj/SWD
 X Plug Back 4420' PSTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

4-28-705-15-706-25-70

nd Date

Date Reached TD

Completion Date.

API NO. 15- 175-20,106-00-01County Seward C - NW-NE Sec. 11 Twp. 34 Rge. 31 X V 660' Feet from SW (circle one) Line of Section1980' Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
 NE , SE , NW or SW (circle one)Lease Name Black Well # 1Field Name NAProducing Formation TorontoElevation: Ground 2695' KB 2705'Total Depth 6100 PSTD 4420'Amount of Surface Pipe Set and Cemented at 1507' FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan REWORK 12/24/93
(Data must be collected from the Reserve Pit)Chloride content ppm Fluid volume bbls.Deaerating method used Location of fluid disposal if hauled offsite: Operator Name **RELEASED**Lease Name **DEC 22 1994** Quarter Sec. Twp. S Rng. E/WCounty **FROM CONFIDENTIAL**

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 2 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Maxwell

Title

President

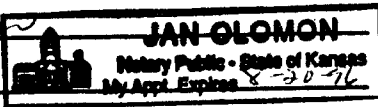
Date

11-02-93Subscribed and sworn to before me this 2nd day of November93.

Notary Public

JAN OLMON

Date Commission Expires

8-20-96

K.C.C. OFFICE USE ONLY		RECEIVED
F	☒ Letter of Confidentiality	STATE CORPORATION COMMISSION
C	☒ Wireline Log Received	NA
C	☒ Geologist Report Received	NOV 03 1993
Distribution		
☒ KCC	☒ SWD/Rep	CONSERVATION DIVISION
☒ KGS	☒ Plug	Wichita, Kansas
(Specify)		

Operator Name Gamma Resources, Inc.Lease Name BlackWell # 1Sec. 11 Twp. 34 Rge. 31☐ EastCounty Seward☒ West

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
(Attach Additional Sheets.)☒ Yes ☐ No☒ Log Formation (Top), Depth and Datum ☐ Sample

Samples Sent to Geological Survey

☒ Yes ☐ No

Name	Top	Datum
Council Grove	3103	-398
Toronto	4305	-1600

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☐ Yes ☒ No

List All E.Logs Run:

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
Surface	13 3/4"	9 5/8"	36	1507		900	
Production	12 1/4"	7"	23	4466		300	
Csg vent straddle pk		4 1/2"	10.5	3090-3130		none	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☒ Perforate				
☐ Protect Casing				
☐ Plug Back TD	3300	2800'	200	NA (1970)
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze (Amount and Kind of Material Used)	Depth
1	4310-4314 (rd)	500gal HCL	
1	3106-10 (shut off w/ csg vent packer)	500gal HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	4340'	3090-3130		
Date of First, Resumed Production, SMD or Inj.	4-28-93	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACD-18.)

☐ Open Hole ☒ Perfor. ☐ Duallly Comp. ☐ Commingled
☐ Other (Specify)

Production Interval

4310-4314