

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 34029  
Name: Gamma Resources Inc.  
Address: PO Box 800  
City/State/Zip: Liberal, Ks. 67905  
Purchaser: DUKE  
Operator Contact Person: T MAXWELL  
Phone: (620) 624-6405  
Contractor: Name: BEST WS  
License: 32564  
Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  Workover  
\_\_\_\_ Oil \_\_\_\_ SWD \_\_\_\_ SLOW \_\_\_\_ Temp. Abd.  
 Gas \_\_\_\_ ENHR \_\_\_\_ SIGW  
 Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: VENUS OIL CO.

Well Name: #Gene Black #1  
Original Comp. Date: 5-70 Original Total Depth: 6100  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
\_\_\_\_ Plug Back 4420 \_\_\_\_ Plug Back Total Depth  
\_\_\_\_ Commingled \_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_ Docket No. \_\_\_\_\_

<u>4-28-70</u>	<u>6-25-70</u>	<u>5-15-70</u>	<u>6-25-70</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date	

API No. 15 - 175-20,106-0001  
County: Seward  
\_\_\_\_ C \_\_\_\_ NW \_\_\_\_ NE Sec. 11 Twp. 34 S. R. 31  East  West  
660' feet from S /  N (circle one) Line of Section  
1980 feet from  E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one)  NE SE NW SW  
Lease Name: Black Well #: 1

Field Name: Iris  
Producing Formation: TORONTO  
Elevation: Ground: 2695' Kelly Bushing: 2705  
Total Depth: 4466 Plug Back Total Depth: 3620'  
Amount of Surface Pipe Set and Cemented at 1510' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to 50-Dg - 7/21/08 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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 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: [Signature]  
Title: \_\_\_\_\_ Date: 12-21-07  
Subscribed and sworn to before me this 21<sup>st</sup> day of December,  
2007.  
Notary Public: Emily N. Fisher  
Date Commission Expires: 8/2/2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**DEC 31 2007**

**EMILY N. FISHER**  
Notary Public - State of Kansas  
My Appt. Expires 8/2/2010

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Gamma Resources Inc. Lease Name: Black Well #: 1  
 Sec. 11 Twp. 34 S. R. 31  East  West County: Seward

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Council Grove</td> <td>3103'</td> <td>-398'</td> </tr> <tr> <td>Wabunsee</td> <td>3564'</td> <td>-859'</td> </tr> <tr> <td>Toronto</td> <td>4305'</td> <td>-1600'</td> </tr> </table>	Name	Top	Datum	Council Grove	3103'	-398'	Wabunsee	3564'	-859'	Toronto	4305'	-1600'
Name	Top	Datum											
Council Grove	3103'	-398'											
Wabunsee	3564'	-859'											
Toronto	4305'	-1600'											

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	13-3/4"	9-5/8"	36#	1,507'	H	900	cacl
Production	12-1/4"	7"	20	4,466'	50/50 poz	375	
LINER	7" csg	4-1/2" w/pkr	10.5#	3,175'	A	100	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	3180'-3568'	A & Thicksotropic	350	
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	3100-3110	A	100	cacl

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	
			Depth
4	3568' - 3569.5' perms	liner fr/3068' - 3623' cmt w/55sx C cmt	pbrd 3620'
1	3106' - 3110' perms	sqz w/100 sx A cmt (4-1/2" csg set @ 3,175')	3100'
	4275' 15 sk cmt plug (mod D pkr @ 4278'w/flap)		
1	4310' - 4314' perms		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	3610'		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
			<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		0	200		

Disposition of Gas    **METHOD OF COMPLETION**    Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled  
*(If vented, Submit ACO-18.)*     Other (Specify)

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