

SIDE ONE

6-32.346

RELEASED
FEB 24 1992

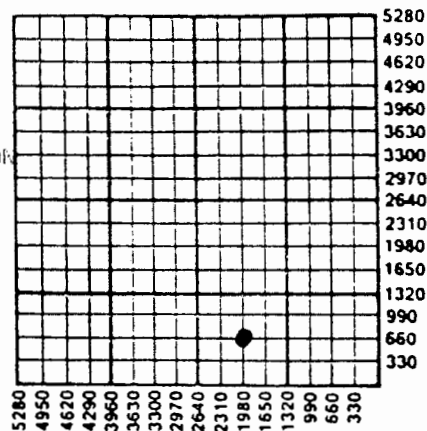
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 8076
Name: Gamma Resources, Inc.
Address P.O. Box 800

City/State/Zip Liberal, KS 67905
Purchaser: NNG - Permian
Operator Contact Person: Terry W. Maxwell
Phone (316) 624 1986
Contractor: Name: Exeter DRilling
License: _____

API NO. 15- 175-21,168County Seward FROM CONFIDENTIALC SW SE Sec. 6 Twp. 32 Rge. 34 East West660 Ft. North from Southeast Corner of Section1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)Lease Name Autumn Leigh Well # 1

Field Name _____

Producing Formation ChesterElevation: Ground 2860 KB 2871Total Depth 6225 PBDT 6155Amount of Surface Pipe Set and Cemented at 1650 FeetMultiple Stage Cementing Collar Used? Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp. Abd.
☒ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

WMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable
3-5-91 3-13-91 3-28-91

Spud Date _____ Date Reached TD _____ Completion Date _____

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or version of a well requires filing of ACO-2 within 120 days from commencement date of such work.

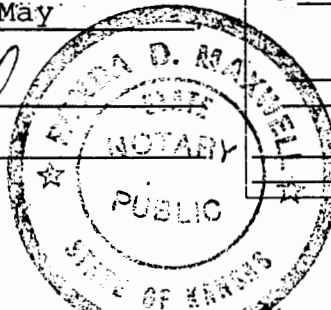
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Terry W Maxwell
Title President Date 5-23-91

Subscribed and sworn to before me this 23 day of May
19 91.

My Public Linda D. Maxwell

Date Commission Expires 12-13-92



K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Drillers Time Log Received

Distribution
KCC _____ SWD/Rep _____ NGPA _____
KGS _____ Plug _____ Other _____
(Specify)

204E-CE-2

SIDE TWO

Operator Name Gamma Resources, Inc. Lease Name Autumn Leigh Well # 1
 Sec. 6 Twp. 32 Rge. 34 ☐ East ☒ West
 County Seward

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Lansing KC	4200	4875
Marmaton	4870	4920
Morrow Shale	5467	5495
Chester Sand	6020	6080
St. Louis	6118	6220

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	12 1/4	8 5/8	24	1650	C lite	570	2% CACL
"	"	"	"	"	C	150	1/4 D-29
Prod	7 7/8	4 1/2	10.5	6200	H		5% D-60

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

1	6016-20, 6024-26, 6030-34, 6036-42	2000 gal HCL	6016-42
		29000 gal MyToil	"
		44000 #20-40 sand	"

TUBING RECORD

Size N/A

Set At

Packer At

Liner Run

☐ Yes ☒ No

Date of First Production 5-10-91

Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours

Oil 45 Bbls.

Gas 1,000 Mcf

Water 5 Bbls.

Gas-Oil Ratio

Gravity 43

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

Production Interval