

ORIGINAL

SIDE ONE

CONFIDENTIAL

APR 02 1991

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

API NO. 15- 175-21,119-600  
County Seward FROM CONFIDENTIAL

Operator: License # 04782

Name: Ensign Operating Co.

Address 621 17th St., Suite 1800

City/State/Zip Denver, CO 80293

Purchaser: \_\_\_\_\_

Operator Contact Person: \_\_\_\_\_

Phone (303) 293-9999

Contractor: Name: H-30 Drilling, Inc.

License: 5107

Wellsite Geologist: Duane Moredock

Designate Type of Completion

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

If ~~OLD~~ old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

- Mud Rotary  Air Rotary  Cable

12-13-89      1-3-90      2-3-90  
Spud Date      Date Reached TD      Completion Date

C NE SW Sec. 11 Twp. 31S Rge. 31  East  West

1980 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

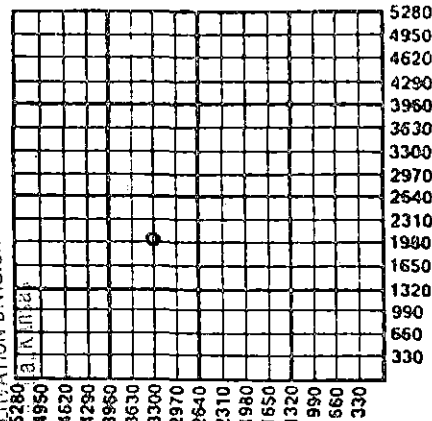
Lease Name Geisinger Well # 1-11

Field Name Wildcat

Producing Formation Kansas City

Elevation: Ground 2803' KB 2815'

Total Depth 5850' PBTD 4928'



Amount of Surface Pipe Set and Cemented at 1672 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate-II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

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4-2-90  
CONSERVATION DIVISION

**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 conversion 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 [Signature]

Title Production Operations Manager Date 3/29/90

Subscribed and sworn to before me this 29 day of March, 1990

Notary Public [Signature]

Date Commission Expires October 21, 1991

621 17th St. Suite 1800  
Denver, Colorado 80293

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

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SIDE TWO

Operator Name Ensign Operating CO. Lease Name Geisinger Well # 1-11  
Sec. 11 Twp. 31S Rge. 31E  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.

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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 *See Attachments*

Name	Top	Bottom
Sand	0	750'
Red Bed and Sand	750'	1,550'
Red Bed	1,550'	2,115'
Lime and Shale	2,115'	2,585'
Shale	2,585'	2,915'
Lime and Shale	2,915'	5,850'
Rotary Total Depth		5,850'

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	32" / 1"	22" / 1"		40'	Concrete	6	
Surface	12-1/4"	8-5/8"	24#	1672'	Lite Wt.	600	2% cc
					Common	100	2% cc
Production	7-7/8"	4-1/2"	10.5#	4980'	Class H	325	3% cc

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 JSPE	4760-4770'	2000 gal 15% Mica 6900 28% Fe Acid	4760-4770'

TUBING RECORD  
Size 2-3/8" Set At 4796' Packer At -- Liner Run  Yes  No

Date of First Production \* 2/8/90 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	13	TSTM	120	--	39

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
\*  Other (Specify) WELL TA 3/2/90 Production Interval 4760-4770'

ORIGINAL

GEISINGER #1-11  
Section 11-T31S-R31W  
Seward County, Kansas

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X

<u>Formation Tops</u>	<u>Depth</u>	<u>Datum</u>
Herrington	2640'	+ 175'
Krider	2700'	+ 115'
Topeka	3788'	- 973'
Heebner	4220'	-1405'
Lansing	4326'	-1511'
Kansas City	4562'	-1747'
Marmaton	4928'	-2113'
Cherokee	5094'	-2279'
Morrow	5391'	-2576'
St. Gen.	5566'	-2751'

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CONSERVATION DIVISION  
Wichita, Kansas