

SIDE ONE

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

API NO. 15- 051-24,623-00-00

County Ellis

75' SW of      Sec. 21 Twp. 13 Rge. 18  East  
NE SE NW      West

Operator: License # 8925

3577' Ft. North from Southeast Corner of Section

Name: Liberty Operations & Completions,  
Inc.

3023' Ft. West from Southeast Corner of Section

Address 308 West Mill

(NOTE: Locate well in section plat below.)

City/State/Zip Plainville, KS 67663

Lease Name Dreiling Well # 1

Field Name     

Purchaser:     

Producing Formation:     

Operator Contact Person: David Comeau

Elevation: Ground 2074' KB 2079'

Phone (913)-434-4686

Total Depth 3700' PBSD     

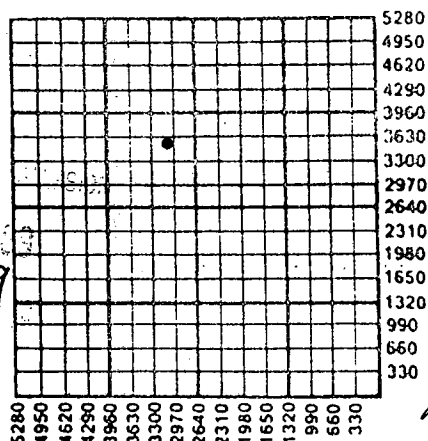
Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Chris Mraz

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

12-5-89  
WEL-5-2019



Amount of Surface Pipe Set and Cemented at 218 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 amt.

If OWO: old well info as follows:  
Operator:     

Well Name:     

Comp. Date      Old Total Depth     

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

11/16/89 11/22/89 11-22-89  
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 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 Christopher A. Mraz

Title Exploration Manager Date 12/4/89

Subscribed and sworn to before me this 4th day of December, 19 89.

Notary Public Betty Janatello  
BETTY JANATELLO

Date Commission Expires 10-27-93

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



X P1

ORIGINAL

SIDE ONE

JAN 16 1991

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ACO-1 WELL HISTORY  
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FROM CONFIDENTIAL

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NE SE NW

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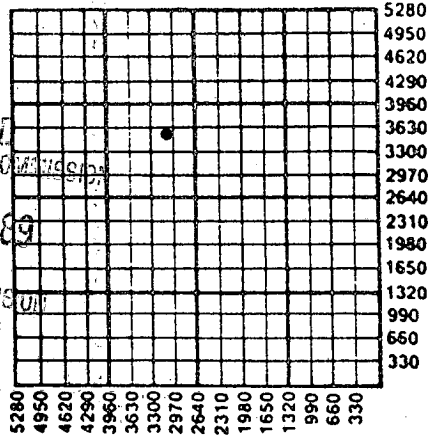
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Field Name

Producing Formation

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RECEIVED  
STATE CORPORATION COMMISSION

DEC - 5 1989

CONSERVATION DIVISION  
Wichita, Kansas

DEC 11 1989

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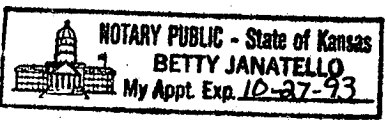
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P1

**SIDE TWO**

Operator Name Liberty Operations & Completions Lease Name Dreiling Well # 1  
 Sec. 21 Twp. 13 Rge. 18  East  West  
 Inc. \_\_\_\_\_ County Ellis

**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.)

JAN 16 1991

**Formation Description**

Log  Sample

Name	Top	Bottom
Anhydrite	1380 (+699)	
Topeka	3108 (-1029)	
Heebner	3369 (-1290)	
Toronto	3390 (-1290)	
Lansing Kansas City	3416 (-1337)	
Base Kansas City	3644 (-1565)	
Arbuckle	3693 (-1614)	

**FROM CONFIDENTIAL**

**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 Casing	12 1/4"	8 5/8"	20#	218'	60/40 Poz	135	2%gel, 3%CC

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

TUBING RECORD			Liner Run
Size	Set At	Packer At	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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

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 \_\_\_\_\_

