

KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOG

State Geological Survey

API No. 15

WICHITA BRANCH

County

Number

Operator

Liberty Enterprises, Inc.

Address

308 West Mill Plainville, Kansas 67663

Well No.

#1

Lease Name

Cities Service

Footage Location

330

feet from (N) ~~XX~~ line

990

feet from (E) ~~XX~~ line

Principal Contractor

Pioneer Drilling Company, Inc.

Geologist

Greg Issinghoff &amp; Kevin Adams

Spud Date

5/21/81

Date Completed

5/27/81

Total Depth

3475

P.B.T.D.

3438

Directional Deviation

Oil and/or Gas Purchaser

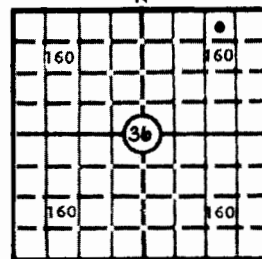
Cities Service Oil Co.

S. 36 T. 11 R. 17 E

Loc. NW NE NE

County Ellis

640 Acres



Elev.: Gr. 1911

DF 1914 KB 1916

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	328'	common	165	3% cc 2% gel
Production	7 7/8"	4 1/2"	10.5#	3465.08'	ASC	150	
Braden Head Squeeze					50/50 poz	180	6% gel

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jet Shots	3416-3419
Size	Setting depth	Packer set at			

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

## INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
7-3-81	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
60 BOPD	bbls.	100 BWPD	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			Arbuckle 3416-3419		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

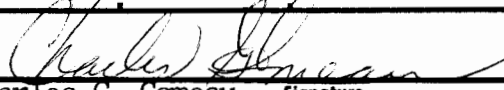
Operator Liberty Enterprises, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name Cities Service	OIL
S 36 T 11 R 17 EX W		

### WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Geological and Completion Report Enclosed				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

Date Received	<div> <div>  </div> <div> Charles G. Comeau </div> <div> Signature </div> </div> <div> <div> Petroleum Geologist </div> <div> Title </div> </div> <div> <div> July 16, 1981 </div> <div> Date </div> </div>
---------------	---

92106

State Geological Survey  
WICHITA BRANCH

36-11-17W

WELL LOG

OPERATOR: Liberty Enterprises, Inc.

WELL NAME: Cities Service #1 LOCATION: NW NE NE 36-11S-17W

COUNTY: Ellis STATE: Kansas

WELL COMMENCED: May 20, 1981 WELL COMPLETED: May 28, 1981

ELEVATION: 1916' K.B. TOTAL DEPTH: 3475'

PRODUCTION: Oil RIG NO: #1

CASING - 8 5/8": 318.83' of new 24# cemented with 165 sxs common 3% cc 2% gel cement circ  
tallied @ 3465.11' set @ 7 jts. PD @ 1:30 P.M. 5-21-81  
4 1/2" ~~XXXX~~: 3469.08' of new 10.5# cemented with 150 sxs ASC 84 jts.

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	328'	sand and shale		
328'	1000'	sand and shale		
1000'	1093'	sands and shales		
1093'	1135'	Anhydrite		
1135'	1585'	shales		
1585'	1878'	shale		
1878'	2116'	shale and lime		
2116'	2316'	shales and limes		
2316'	2500'	shale and lime		
2580'	2800'	shale and lime		
2800'	2937'	shale and lime		
2937'	3050'	shale and lime		
3050'	3156'	lime and shale		
3156'	3243'	lime and shale		
3243'	3325'	lime and shale		
3325'	3420'	lime and shale		
3420'	3422'	lime and shale		
3422'	3457'	lime and shale		
3457'	3475'	shale and lime		
3475'	RTD			

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 29 1981  
CONSERVATION DIVISION  
Wichita, Kansas