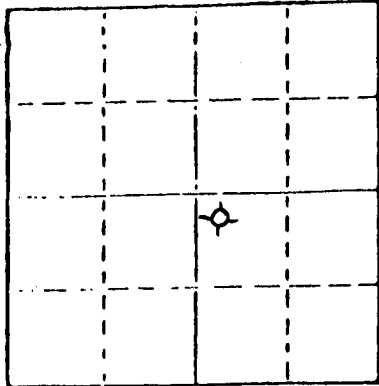


STATE OF KANSAS
STATE CORPORATION COMMISSION

15-051-21685-00-00
WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Ellis County. Sec. 4 Twp. 11S Rge. 17 E/W
Location as "NE/CNW/SW" or footage from lines



Locate well correctly on above
Section Plot

NW NW SE
Lease Owner Liberty Enterprises, Inc.
Lease Name Carmichael Well No. #5
Office Address 308 West Mill Plainville, Kansas 67663
Character of Well (Completed as Oil, Gas or Dry Hole)
Dry Hole

Date Well completed May 14 1979
Application for plugging filed May 14, 1979
Application for plugging approved May 14, 1979
Plugging commenced May 14, 6:00 P.M. 1979
Plugging completed May 14, 7:30 P.M. 1979
Reason for abandonment of well or producing formation
No Commercial Production

If a producing well is abandoned, date of last production 19

Was permission obtained from the Conservation Division or
its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Leo. F. Massey
Producing formation Depth to top Bottom Total Depth of Well
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
surface casing	common	0	199.92'	8 5/8"	199.92'	0

Describe in detail the manner in which the well was plugged, indicating where the mud fluid
was placed and the method or methods used in introducing it into the hold. If cement or other
plugs were used, state the character of same and depth placed, from feet to
feet for each plug set.

Plug #1 @ 1100' with 50 sxs
Plug #2 @ 475' with 30 sxs
Plug #3 @ 190' with 10 sxs
Bridge set @ 40'
Filled hole with 120 sxs cement
50-50 poz 6% gel

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5-17-1979
MAY 17 1979

(If additional description is necessary, use BACK of this sheet)
Wichita, Kansas

Name of Plugging Contractor Pioneer Drilling Company, Inc.
308 West Mill Plainville, Kansas 67663

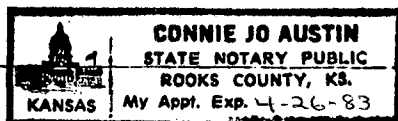
STATE OF Kansas COUNTY OF Rooks, ss.
I Charles G. Comeau (employee of owner) or (owner or operator
of the above-described well, being first duly sworn on oath, says: That I have knowledge of
the facts, statements, and matters herein contained and the log of the above-described well
as filed and that the same are true and correct. So help me God.

(Signature) Charles G. Comeau
308 West Mill Plainville, Kansas 67663
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of May, 1979

Connie Jo Austin
Notary Public.

My commission expires



WELL LOG 15-051-21685-00-00

OPERATOR: Liberty Enterprises, Inc.

WELL NAME: Carmichael #5 LOCATION: Nw NW SE 4-11S-17W

COUNTY: Ellis STATE: Kansas

WELL COMMENCED: May 1, 1979 WELL COMPLETED: May 14, 1979

ELEVATION: 1940' KB TOTAL DEPTH: 3525'

PRODUCTION: D & A RIG NO: #2

CASING - 8-5/8": 199.92' of 28# cemented with 130 sxs common 2% gel 3% cc

5-1/2": none

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	208'	sand and shale		
208'	625'	shale and sand		
625'	1083'	shale and sand	1083' - 1 degree	
1083'	1170'	shale		
1170'	1205'	Anhydrite		
1205'	1209'	shale		
1209'	1843'	shaled sand		
1843'	2067'	sand and shale	2067' - 3 degrees	
2067'	2235'	shale and lime		
2235'	2438'	lime and shale		
2438'	2585'	lime and shale		
2585'	2655'	shale and lime	2614' - 1 degree	
2655'	2751'	lime and shale		
2751'	2800'	lime and shale		
2800'	2930'	lime and shale		
2930'	3020'	lime and shale		
3020'	3097'	lime and shale		
3097'	3192'	lime and shale		
3192'	3202'	lime and shale		
3202'	3252'	lime and shale		
3252'	3282'	lime and shale		
3282'	3353'	lime and shale		
3353'	3400'	lime and shale		
3400'	3490'	lime		
3490'	3507'		3520' 3525'	
3507'	3515'	lime	3525' RTD	
3515'	3518'	lime and shale		
3518'	3520'			

RECEIVED
STATE CORPORATION COMMISSION
5-17-1979
MAY 17 1979

CONSERVATION DIVISION
Wichita, Kansas
Arbuckle

STATE OF KANSAS
COUNTY OF

The undersigned hereby certifies that to the best of his knowledge and belief, the above facts are true and correct

PIONEER DRILLING CO., INC.

By Charles Homan

SUBSCRIBED AND SWORN TO, BEFORE ME, This 16th day of May, 1979.

Connie Jo Austin
NOTARY PUBLIC

