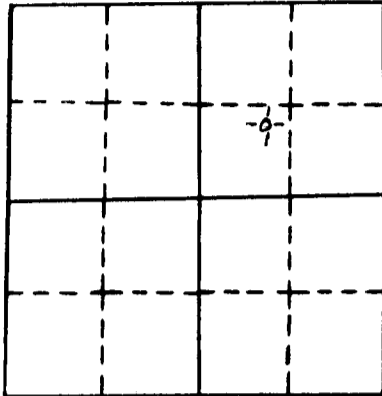


15-051-22632-00-00  
WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
200 Colorado Derby Bldg.  
202 W. 1st St.  
Wichita, KS 67202

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



locate well correctly  
on above  
Section Plot

NE SW NE

Lease Owner Liberty Enterprises, Inc.

Lease Name Orlan Carmichael Well No. #8

Office Address 308 West Mill Plainville, Ks 67663

Character of Well (Completed as Oil, Gas or Dry Hole)

Dry Hole

Date Well completed October 14 1981

Application for plugging filed October 14 1981

Application for plugging approved October 14 1981

Plugging commenced 7:00 A.M. October 14 1981

Plugging completed 8:30 A.M. October 14 1981

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 Marion Schmidt

Producing formation Depth to top Bottom Tl. 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'	215.34'	8 5/8"	215.34'	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.

RECEIVED  
STATE CORPORATION COMMISSION

Plug #1 750' with 70sxs  
Plug #2 210' with 40sxs  
Plug #3 40' with 10sxs- 1sx hulls and plug for bridge

5sxs in rathole

Total-- 125sxs 50-50pos 4%gel 3%cc

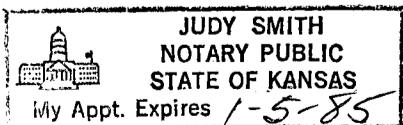
P.D.@ 8:30 A.M.

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

Name of Plugging Contractor Pioneer Drilling Company  
308 West Mill Plainville, Ks 67663

STATE OF Kansas COUNTY OF Rooks, ss.

David L. 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 is filed and that the same are true and correct. So help me God.



(Signature) David L. Comeau  
(Address) 308 West Mill Plainville, Ks 67663

SUBSCRIBED AND SWORN TO before me this 29th day of October, 1981

My commission expires 1-5-85

Judy Smith  
Notary Public

W E L L L O G

OPERATOR: Liberty Enterprises, Inc. 15-051-22632-00-00

WELL NAME: Orlan Carmichael #8 LOCATION: NE SW NE 4-11s-17W

COUNTY: Ellis STATE: Kansas

WELL COMMENCED: October 7, 1981 WELL COMPLETED: October 14, 1981

ELEVATION: 1928' K.B. TOTAL DEPTH: 3567'

PRODUCTION: D & A RIG NO: #4

CASING - 8 5/8": 7 Jts new 28# set @ 215.34' cemented with 135 sxs common 2%gel 3%cc  
P.D. @ 12:00 P.M. did circ.  
5 1/2": 10-7-81

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	220'	shales	220' - 1 degree	
220'	430'	shale		
430'	979'	sand and shale		
979'	1169'	sand and shales	1007' - 1 1/4 degree	
1169'	1201'	anhydrite		
1201'	1473'	sand and shales		
1473'	1874'			
1874'	2048'	shales	1985' - 1/2 degree	
2048'	2308'	shale		
2308'	2617'	shale and lime		
2617'	2833'	shale and lime		
2833'	2933'	lime and shale		
2933'	2963'	shale and lime		
2963'	3086'	shale and lime		
3086'	3140'	shale and lime	3140' - 3/4 degree	
3140'	3278'	shale and lime		
3278'	3393'	shale and lime		
3393'	3465'	shale and lime	3465' - 1 degree	
3465'	3537'	shale and lime		
3537'	3567'	shale and lime		
3567'	R.T.D.			

RECEIVED  
STATE CORPORATION COMMISSION  
11-3-1981  
NOV 3 1981  
  
CONSERVATION DIVISION  
Wichita, Kansas

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 Haley A. Wilgus

SUBSCRIBED AND SWORN TO, BEFORE ME, This 29<sup>th</sup> day of October, 1981

Judy Smith  
NOTARY PUBLIC

