



**Oilfield Services, Inc.**

4-33-10W<sup>1</sup>

- Rotary Drilling
- Drilling Mud and Chemicals
- Heavy Oil Field Hauling
- Roustabout and Dirt Services
- Well Completion and Servicing Units

DRILLER'S WELL LOG

Lichlyter #2-4 ✓  
 NE SE SE Sec. 4-33S-10W  
 Barber County, Kansas  
 Commenced: 9-17-85  
 Completed: 9-26-85  
 API #15-007-22,081  
 Operator: Chapman Energy-Oklahoma, Inc.

Depth		Formation	Remarks
From	To		
0	235	Clay	Ran 10 joints (308') used, 23#, 8 5/8" casing. Set at 318' with 135 sx Class A, 8% gel, 3% cc, 10# gelsonite and 1/4# flocele per sx. Plug down at 6:15 p.m. on September 17, 1985. Cement did circulate. Job by Halliburton, Winfield.
235	325	Red Bed	
325	512	Shale, Sand	
512	1832	Clay, Shale	
1832	5342	Lime, Shale	
5342	5500	Lime	Cement did circulate. Job by Halliburton, Winfield.
		T.D.	

RTD 5500'

Ran 135 joints (5505') used, 17#, 5 1/2" casing. Set at 5498' with 55 sx Class A, 16% gel, 15# gelsonite and 1/4# flocele per sx .2% HR4 and 80 sx Class A, 8% gel, 10# gelsonite, 1/4# flocele per sx, .2% HR4. Plug down at 4:15 a.m. on 9-26-85. Job by Halliburton, Pratt.

NOV 07 1985  
 State Geological Survey  
 WICHITA BRANCH

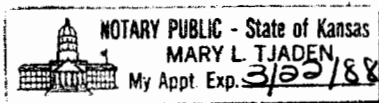
STATE OF KANSAS )  
 ) ss  
 COUNTY OF PRATT )

I, the undersigned, being duly sworn on oath, state that the above Driller's Log is true and correct to the best of my knowledge and belief and according to the records of this office.

WHEATSTATE OILFIELD SERVICES, INC.

*Arnie Little*  
 ARNIE LITTLE, VICE-PRESIDENT

*Mary L. Tjaden*  
 NOTARY PUBLIC



My Commission Expires:

3/22/88

RECEIVED  
 STATE CORPORATION COMMISSION

OCT 4 1985