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28-13-17W

DRILLING TIME RECORD

H. A. Hershfield & Company

Dreiling "B" No. 1

NW NW SE 28, T.13 S., R.17 W., Ellis County, Kansas.

Comm. Drlg. November 11, 1945

Comp. Drlg. w/Rotary December 3, 1945

Casing: 10 1/2" - 118' Cemented with 100 sacks.
5 1/2" - 3326' (Derrick Floor)

Elevation: (Derrick floor) 1965' Total Depth w/Rotary 3336'

Contractor: Pulse-Hershfield Drilling Company - Rig No. 1

Drillers: A.M. Don Rider
P.M. J. C. Owens

Note: Driller's measurements are from drive-bushing which is two feet above derrick floor.

<u>Depth</u>	<u>Drilling time per foot in minutes</u>	<u>Remarks:</u>
3200-10	5-6-7-9-7-8-10-12-7-9	
3211-20	9-7-9-15-10-9-10-8-4-12	
3221-30	18-13-15-20-16-15-16-15-17-13	Rough - 3220' (Checked Depth: 3228' drill pipe = 3229' S.L.M.)
3231-40	11-11-10-10-11-9-9-12-12-15	Rough - 3237'
3241-50	15-20-19-15-19-23-17-10-9-10	Rough - 3242' (Circ. at 3250' 1 1/2 hrs. for samples)
3251-60	19-17-16-19-21-12-12-18-17-17	
3261-70	13-9-7-10-10-2-2-9-18-17	(Circ. at 3268 1 1/2 hrs. for samples)
3271-80	20-20-20-17-21-16-19-16-16-15	
3281-90	16-25-26-16-15-17-15-16-11-11	
3291-3300	6-6-9-9-10-9-13-10-12-12	
3301-10	14-9-10-13-19-22-13-5-30-14	(Rough - 3306')
3311-20	20-19-35-36-25-29-20-22-21-18	(Circ. at 3322' 1 hr. 10 min. for samples)
3321-30	10-10-7-10-19-25-24-24-16-8	Rough - 3328' (Circ. at 3333' 1 hr. 45 min. for samples)
3330	8-4-12-3-3-5-15	(Circ. at 3336' 1 1/2 hrs. for samples)

TOTAL DEPTH with rotary 3336'

Driller's measurements are from top of drive-bushing which is one foot above rotary table and two feet above derrick floor.
Derrick floor is three feet above ground level.

4:15 A.M., Monday, December 3, 1945
Delmer L. Powers, Petroleum Geologist

DELMER L. POWERS, WICHITA, KANSAS

Delmer L. Powers