



00255653

Form PO-214 Sheet 2 (1-52) 50M

## LOG OF WELL

SHEET No. 2

District Casper--Mt Hope Owner The Texas Company Farm C. F. Green A Well No. 12

FORMATION		AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
Tertiary	Surface	923				Gravels and alluvium of gray and pink quartz rounded pebbles
Pierre Shale	923	3194				Dark gray to black clay shale, few calcareous beds, soft and gummy, with stringers of limestone and fish scales in places.
Niobrara (Lime)	4117	368				Shale, limey, black, brownish black looking where abundant forams giving speckled appearance with their tiny white spots. Some shale slightly silty. Also, plain and soft blue gray shale alternating. Bentonite, Pyrite specks.
Carlisle Shale	4485	175				Shale, sandy and silty shale, dark gray to black, sandy to very fine sandstone streaks gray peppered with black specks, calcareous soft. Also, limestone stringers, light orange, silty soft, and bentonite. Shales are calcareous and in part white speckled with forams, and few fish fragments.
Greenhorn (Limestone)	4660	7				Limestone, brown, dense hard, cherty looking. Sandy limestone to very fine and limey sandstone hard, tight, and gray.
Graneros Shale	4667	243				Shale, silty siltstone, black, much speckled with forams. Silty lime stringers. Plain shale dark gray, much calcareous. In lower portion few thin sandstone beds gray very fine, speckled with glauconite and black specks.
Dakota Sandstone "D"	4910	102				Sandstone, very fine to fine and well sorted grains angular to sub-angular, light gray with barren, mostly noncalcareous, little or no cementation.



## LOG OF WELL

SHEET No. 3

District Casper--Mt Hope Owner The Texas Company Farm C. F. Green A Well No. 12

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>FORMATIONS TOP FROM SCHLUMBERGER ELECTRIC LOG</u>					
Tertiary	Surface				
Pierre	923				
Niobrara	4117				
Fort Hayes	4437				
Carlile	4485				
Greenhorn Ls.	4660				
Graneros	4667				
Bentonite Marker	4817				
Dakota "D"	4910				
Base of D	4944				
Dakota "J"	5012				
<u>DRILL STEM TEST</u>					
DST #1 August 29, 1952 Packer set 5015'-5060' Tool open 1 hour. Shut in for 15 minutes. Instant medium blow. Gas in 3 minutes, Recovered 4560' oil, no water. HP-2585#, IF-215#, FF-860#, SIP 1310#, FHP- <del>1380</del> 2580#					
<u>CORE RECORD</u>					
Core No. 1, from 4905' to 4950'					Cut 45', Rec. 45'
4905-4911	6				Sh, bl, rotten
4911-4912	1				ss, med, dirty, good st & odor, por, 2" sh on bottom
4912-4922.8	10.8				ss, med, clean, por, good st & odor, bleeding, VF (4913-17), o.2' sh @ 4915.8.
4922.8-4923.3	.5				Sh, bl, rotten, sandy, Lam.
4923.3-4923.6	.3				Silt, VF, Stain on VF, odor, hd, tite.
4923.6-4924.3	.7				SS, shaly, clean, med, tite, barren, Lam, hd
4924.3-4926.0	1.7				Sh, bl, rotten
4926.0-4931.7	5.7				Silt, shaly, mottled, hd, tite, barren, very shaly (30-30.7)



## LOG OF WELL

SHEET NO. 4District Casper--Mt Hope Owner The Texas Company Farm C. F. Green A Well No. 12

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>CORE RECORD</u>					
<u>Core No. 1, from 4905' to 4950' (cont.)</u>					
4931.7-4934.0	2.3				ss,fn,clean,gy, appears wet
4934.0-4936.0	2.				ss,fn,hd,tite,dirty, shaly, lam.
4936.0-4936.4	.4				sh,bl,hd.
4936.4-4938.0	1.6				sh,bl,hd,silty
4938.0-4939.0	1.				sh,bl,rotton
4939.0-4942.7	3.7				ss,shaly,hd,tite, barren
4942.7-4945.0	2.3				ss,gy,hd,tite,barren, micaceous
4945.0-4947.5	2.5				ss,dirty,shaly,gy,hd, tite,barren,mottled, conglomer.
4947.5-4949.5	2.				ss,hd,tite,barren,gy, dirty,shaley
4949.5-4950.0	.5				sh,bl,hd.
<u>Core No. 2, from 5009' to 5059.5'</u>					
5009.0-5010.7	1.7				Cut 50.5', Rec. 50.5'
5010.7-5011.2	.5				sh,bl,hd.
5011.2-5012.7	1.5				Bent,soft,GR-BN
5012.7-5013.0	.3				Sh,bl,hd.
5013.0-5015.0	2.				Sh,bl,rotton, bentonitic
5015.0-5018.0	3.				Silt,gy,shaly,hd, tite,bar,mottled
5018.0-5020.2	2.2				SS,gy,shaly,mottled, med,slight stain & odor,very fossilf.
5020.2-5022.5	2.3				Silt,gy,shaly,hd,tite, N stain or odor
5022.5-5027.7	5.2				SS,fn,med hd, shaly, lam,slight stain, good odor.
5027.7-5033.0	5.3				SS,Med.clean,por, bleeding & bas bubbles VF.
					SS,fn,hd,tite,barren, shaly,lam,gy.



## LOG OF WELL

SHEET No. 5

District Casper--Mt Hope Owner The Texas Company Farm C. F. Green A Well No. 12

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>Core No. 2, from 5009' to 5059.5' (cont.)</u>					
5033.0-5033.5	.5				Silt, very hd, tite & barren, gy.
5033.5-5036.0	2.5				Sh, bl, hd, sandy, lam, No st or odor.
5036.0-5038.7	2.7				Sh, bl, rotten
5038.7-5041.0	2.3				Sh, bl, hd.
5041.0-5044.0	3.				Sh, bl, sandy, lam, No st or odor in ss.
5044.0-5045.3	1.3				Sh, bl, hd.
5045.3-5045.8	.5				Silt, gy, hd, tite & barren.
5045.8-5049.8	4.				Ss, fn, clean, por, good st & odor, bleeding 47-48 some sh stringers appears wet 48-49.8.
5049.8-5055.5	5.7				Sh, bl, hd, sandy
5055.5-5057.0	1.5				Sh, bl, hd
5057.0-5059.5	2.5				Ss, brn, clean, med, soft, good st & odor, VF
<u>Core No. 3, from 5060' to 5081'</u>					
5060.0-5067.0	7				Cut 20', Rec. 21'
5067.0-5081.0	14				Ss, shaly, gy, hd, tite & barren. Mostly sh, lam, dirty
					Sh, bl, hd, sandy