



LOG OF WELL
SHEET No. 2

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

District **Casper-Mt Hope** Owner **The Texas Company Farm** **C.F. Green "A"** Well No. **17**

FORMATION		AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
Tertiary	Surface	890				Gravels and alluvium of gray and pink quartz rounded pebbles.
Pierre Shale	890	3268				Dark gray to black clay shale, few calcareous beds, soft and gummy, with stringers of limestone and fish scales in places.
Niobrara (Lime)	4158	340				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	4498	209				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)	Faulted Out					Limestone, brown, dense hard, cherty looking. Sandy limestone to very fine and limey sandstone hard, tight, and gray.
Graneros Shale	4707	220				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	4927	34				Sandstone, very fine to fine and well sorted grains angular to sub-angular, light gray where barren, mostly noncalcareous, little or no cementation.
Base "D"	4961	55				
"J"	5016	64				
Driller's TD	5080	02				
Schlumberger TD	5082					

LOG OF WELL

FORM PO-214 Sheet 2 (4-51) 50M

SHEET No. 3District Casper-Mt Hope Owner The Texas Company Farm C.F. Green "A" Well No. #17

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>FORMATION TOPS FROM SCHLUMBERGER ELECTRIC LOG</u>					
Tertiary	Surface				
Pierre Shale	890				
Niobrara	4158				
Carlisle Shale	4498				
Greenhorn	Faulted Out				
Graneros Shale	4707				
Bentonite Marker	4835				
Dakota "D"	4927				
Base "D"	4961				
Dakota "J"	5016				
Driller's TD	5080				
Schlumberger TD	5082				
<u>DRILL STEM TESTS</u>					
DST #1 July 20, 1953					
Packer set 4919' to 4933'					
Tool open 2 hours. Tool opened with good blow, decreasing to fair blow in 45 minutes, decreasing to poor blow in 1 hr. 35 minutes, very poor blow at end of test.					
Rec. 70' oil cut and 20% oil; 90' oil cut and 30% oil; 300' brackish water					
IFP - 45#; FFP - 210#; Shut in 30 minutes - 750#; HP - 2590#.					
DST #2 July 21, 1953					
Packer set 5013.6' to 5028'					
Tool open with strong blow, gas to surface in 14 minutes, decreased to fair blow in 25 minutes, decreased to poor blow at end of test.					
Rec. 1440' oil; 270' brackish water.					
Tool open 2 Hours; Shut in 30 minutes.					
HP - 2635#; IFP - 110#; FFP - 550#; SIP - 1310;					