



# LOG OF WELL

Form PO-214 Sheet 1 (8-48)30M

27133

C. F. Green "A" No. 7

1978

SHEET 1

OWNER The Texas Company DIVISION Rocky Mountain DATE MADE 4-4-52  
 DISTRICT Sterling LEASE C. F. Green "A" WELL NO. 6  
 STATE Colorado COUNTY OR PARISH Logan TWP. 9N RANGE 54W SEC. 24  
 LOCATION OF WELL NENESE 330' West and 330' South of NE Corner

COMMENCED RIGGING UP 10-7-51 COMMENCED DRILLING 10-9-51 COMPLETED DRILLING 10-30-51  
 DAY DRILLER Leslie Hamilton NIGHT DRILLER W. E. Maxwell CONTRACTOR Service Drilling Co.  
 CABLE FROM \_\_\_\_\_ TO \_\_\_\_\_ ROTARY FROM Surface TO 5050 COMPANY RIG No. 3  
 TOTAL DEPTH 5050 MEASURED BY Schlumberger & Contractor ELEVATION 4190.3 K.B.  
 PBD 5015 4176.8 Ground

## CASING RECORD

SIZE	WEIGHT	PUT IN WELL		PULLED OUT		LOST IN WELL		SHOES		PACKERS		
		FEET	INS.	FEET	INS.	FEET	INS.	LENGTH	MAKE	KIND	LENGTH	SET AT
10-3/4	32.75	159.	64					1.27	Howco Guide			FT.
								1.50	Howco Float Collar			FT.
7	23	893	35					1.58	Howco Float			FT.
								1.35	Howco Float Collar			FT.
7	20	4136	19									FT.
10-3/4" cemented at		174.24	K.B.									Howco
7"	"	5025	K.B.	"	200	"	"	"	2% Gel by Howco			FT.
									2% Calcium Chloride by			FT.

WAS CASING CEMENTED? Yes IF SO, HOW MANY SACKS OF CEMENT USED? As stated above  
 LINER: STATE SIZE AND WEIGHT \_\_\_\_\_ WHERE SET \_\_\_\_\_ FT. AND INS. \_\_\_\_\_ FT. AND INS. \_\_\_\_\_  
 HOW PUT TOGETHER \_\_\_\_\_ COUPLING \_\_\_\_\_ FLUSH-JOINT \_\_\_\_\_ INSERTED shots  
 REMARKS: 10-28-51 - 7" csg was perforated from 4889 to 4903 w/84 - 15/32/(6 per ft) u using Lane Wells Conventional Gun.

## EQUIPMENT RECORD

TUBING				SUCKER RODS			PUMPING OUTFIT
SIZE	WEIGHT	FEET	INS.	FEET	INS.	SIZE AND KIND	DESCRIPTION, KIND, SIZE, ETC.
2-7/8	6.5	4889.54					

FLOWING, PUMPING, GASSER OR DRY Flow PRODUCTION FIRST 24 HOURS 737 open flow test PRODUCTION SETTLED 100 bbls.  
 IF GAS WELL, OPEN FLOW CAPACITY \_\_\_\_\_ SHUT IN PRESSURE \_\_\_\_\_ ROCK PRESSURE \_\_\_\_\_  
 KIND OF SHOT \_\_\_\_\_ SIZE OF SHOT, QUARTS \_\_\_\_\_  
 NUMBER OF SHELLS \_\_\_\_\_ SIZE OF SHELLS \_\_\_\_\_ INCHES, DIAMETER \_\_\_\_\_  
 LENGTH OF SHELLS \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ TOP OF SHOT \_\_\_\_\_  
 BOTTOM OF SHOT \_\_\_\_\_ ANCHOR \_\_\_\_\_ WELL BRIDGED TO \_\_\_\_\_  
 TOTAL DEPTH OF WELL \_\_\_\_\_ NUMBER OF SHOT \_\_\_\_\_ PRODUCTION BEFORE SHOT \_\_\_\_\_ BBLS. PER DAY \_\_\_\_\_  
 PRODUCTION AFTER SHOT \_\_\_\_\_ BBLS. PER DAY. SHOT FURNISHED BY \_\_\_\_\_  
 NAME OF SHOOTER \_\_\_\_\_ SHOT INSPECTED \_\_\_\_\_ BY \_\_\_\_\_ (COMPANY EMPLOYEE)  
 COMMENCED DRILLING DEEPER \_\_\_\_\_ COMPLETED \_\_\_\_\_ DRILLING DEEPER \_\_\_\_\_  
 TOTAL DEPTH \_\_\_\_\_ PRODUCTION FIRST 24 HOURS \_\_\_\_\_ PRODUCTION SETTLED \_\_\_\_\_

REMARKS: Surface casing was cemented to surface and a rector type 4M casing head installed. A rector type "R" head was installed. A temperature survey was run to determine top of cement behind 7" casing and was found at 3450'K.B.

TTF (2)  
 U. of Colo (1)  
 CGCC (1)  
 Sch. of Mines (1)  
 WR (1)  
 EWO (1)

NOTE: IF WELL WAS DRY, STATE UNDER REMARKS, WHEN, HOW, AND BY WHOM PLUGGED.  
 STATE UNDER REMARKS ANYTHING OF INTEREST NOT COVERED IN LOG.  
 IF THE SPACE PROVIDED FOR REMARKS IS NOT SUFFICIENT WRITE ON BOTTOM OF LAST SHEET OF LOG.

Signed: WALTER RAND

Signed \_\_\_\_\_  
 TOTAL NUMBER OF SHEETS 3

# LOG OF WELL

FORM PO-214 SHEET 2 (3-49) 30M

SHEET No. 2

District Colorado Owner The Texas Co. Farm C. F. Green "A" Well No. 7

FORMATION		AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
Tertiary	Surface	873				Gravels and alluvium of gray and pink quartz rounded pebbles.
Pierre Shale	873	3200				Dark gray to black clay shale, few calcareous beds, soft and gummy, stringers of limestone and fish scales in place
Niobrara (Lime)	4073	405				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	4478	179				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)	4657	8				Limestone, brown, dense hard, cherty looking. Sandy limestone to very fine and limey sandstone hard, tight and gray.
Graneros Shale	4665	224				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"	4889	38				Sandstone, very fine to fine and well sorted grains angular to sub-angular, light gray where barren, mostly noncalcareous, little or no cementation.
Base Upper Sands	4927	67				
Dakota "J" Sands	4994	51				
Schlumberger T.D.	5045					



# LOG OF WELL

FORM PO-214 SHEET 2 (3-49) 30M

SHEET No. 3

District Colorado Owner The Texas Co. Farm C. F. Green "A" Well No. 7

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>Drill Stem Test Record</u>					
DST #1 - 10-23-51					
Packer set at 5000					
Total Depth 5050					
Length of Test - 1 1/2 hours.					
Tool opened with fair blow, with gas to surface in 14 minutes to small to measure.					
Condensate started dripping from flow line in 30 minutes which lasted through out test.					
Recovered 270 ft of free oil and 240 ft of mud cut oil. No water.					
The shut in pressure was recorded for 15 minutes at 1550 psi.					
Final flow pressure 215 psi.					
Initial flow pressure 80 psi.					
Gravity of oil was 37.8 @ 69°					
<u>Formation Tops - Schlumberger Electric Log</u>					
Tentative Base Tertiary - Top Pierre				873 / 3317	
Niobrara				4073 - 117	
Fort Hayes				4430 - 240	
Carlisle				4478 - 288	
Greenhorn Lime				4657 - 467	
Graneros				4665 - 475	
Dakota "D" Sand				4889 - 699	
Base Upper Sands				4927 - 737	
Dakota "J" Sands				4994 - 804	
Schlumberger T. D.				5054 - 855	