

TREATMENT NO. 5-12-1886



DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

STAGE NO.

TYPE OF TREATMENT 31000 gal. benzofrac		DISTRICT Hinton No 5		STATION Artesia No 13		DATE May 10, 1968	
OWNER Koolhaas & Associates		WELL NAME AND NUMBER Hinton No 5 B		POOL Shagort			
COUNTY Elmer		STATE New Mexico		LOCATION Sec 27, T13N, R13E		OWNER'S REPRESENTATIVE Mr. G. Westfall	
1 TYPE OF WELL ☒ A. OIL ☐ C. GAS ☐ E. WASTE DISP. ☐ B. WATER ☐ D. WATER INJ. ☐ F. OTHER		2 FORMATION Queen & Yates					
3 TOTAL DEPTH 2840		4 BOTTOM HOLE TEMP.		5 SACKS CEMENT		6 TYPE OF COMPLETION ☐ A. NEW WELL ☐ C. RECOMPLETION ☒ B. REWORK	
7 DRILL FLUID USED ☐ A. WATER BASE ☐ C. AIR OR GAS ☐ B. OIL BASE ☒ D. OTHER		8 INITIAL PRODUCTION WATER (BPD) OIL (BPD) GAS (MCF/D)		9 PRESENT PRODUCTION WATER (BPD) OIL (BPD) GAS (MCF/D)			
10 CASING SIZE & DEPTH 7" 3500		11 TYPE OF CASING ☒ A. N-80 ☐ C. H-40 ☐ E. LAPWELD ☒ B. J-55 ☐ D. P-110 ☐ F. OTHER		12 CASING VOLUME 135 bbl		13 ALLOWABLE CSG. PRESS. 3000	
14 LINER FROM TO None		15 SIZE					
16 TUBING SIZE 2 1/2		17 DEPTH OF TUBING 2716		18 TUBING VOLUME 200 bbl		19 ALLOWABLE TBG. PRESS.	
20 NAME OF PACKER		21 PACKER DEPTH					
22 O.H. OR PERF.		CHECK ZONE TREATED		TREATING MATERIALS			
O.H. SIZE SHOTS/FT FROM TO		O.H. SIZE SHOTS/FT FROM TO		TYPE		AMOUNT	
2 2603 2630		2 3394 3422		20-40 sand		5000	
2 2638 2656				100 lb balls		150	
2 2690 2702							
2 2716 2726							
23 PREVIOUS TREATMENT RECORD (SHOW DATES) 2/20/58 3754' to 3764'							
24 PUMPING EQUIPMENT 3 1/2 - pumps		25 POUNDS SAND PER GAL. MAX. 3 MIN. 1/2 AVG. 2		26 JOB DONE ☐ A. TBG ☐ ANNULUS ☒ B. CSG.		27 AVERAGE RATE TREATING FLUID 43.2	
28 FILL AND BREAKDOWN TOTAL BBLs. PUMPED 160 bbl		29 TREATING FLUID 740 bbl		30 FLUSH 200 bbl		31 MAXIMUM TREATING PRESS. 2200	
32 MINIMUM TREATING PRESS. 1700		PSI AT 46.6		BPM IMMEDIATELY AFTER JOB 1600		PSI AT 42.5	
33 SHUT IN PRESSURE		34 SHUT IN PRESSURE		35 ARRIVED AT LOCATION 7:00 A.M.		36 AT 10 MINUTES LATER 1300	
TIME - A.M. OR P.M.		PRESSURE		BARRELS OF FLUID		REMARKS	
		CASING TUBING		OUT OF TANKS PER READING IN FORMATION PER MINUTE			
9:30						Start oil to load	
9:35		1950		120 120		Hole loaded - broke at 1950 psi	
9:36		0		130 10 10		Shut down - perforate another section	
1:22						Start Dowell connections to 3500 psi	
1:30		0		160 30 40		Start pumps	
1:31		0				Shut down - fix leak	
1:36		2000		300 140 180 46.6		Start pump - start sand slow & inc to 3 lb	
1:39		1700				Cut sand - about 60 balls	
1:40		1750		330 30 210		Start sand at 2 lb & inc to 2 lb/gal slow	
1:42		2200				Balls on perforation	
1:43		2150		480 150 360 42.8		Cut sand to 2 lb & inject 50 balls	
1:47		2150				Increase sand to 2 lb/gal slow	
1:46		2000		640 160 560 45.6		Cut sand to 2 lb/gal & inject 40 balls	
1:47		2000				Increase sand to 2 lb/gal slow	
1:50		1950				Pressure reading	
1:53		2000		900 260 780 40.0		Cut sand - start flush	
1:53		2100		1100 200 980 40.0		Shut down - treatment complete	
1:55		1600				Shut down pressure	
2:08		1300				Shut in pressure	

RECEIVED
SEP 15 1969D. C. C.
ARTESIA, OFFICERECEIVED
SEP 15 1969
H. S. GORDON
ARTESIA, NEW MEX.ENGINEER
TIME LEFT LOCATION 4:00 A.M. P.M.
Denny Strickland