

TREATMENT REPORT

D-44-434-C
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TREATMENT NO. 5-13-1969



DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

STAGE NO.

TYPE OF TREATMENT 31000 gal. lenticular		DISTRICT Hinton No 5		STATION Artesia to 13		DATE May 10, 1969	
OWNER Koch & Winters				WELL NAME AND NUMBER Hinkle No 3 B		POOL Shagert	
COUNTY El Paso		STATE New Mexico		LOCATION Sec 27, T18N, R11E		OWNER'S REPRESENTATIVE Mr. G. Westfall	
1 TYPE OF WELL ☒ A. OIL ☐ B. WATER ☐ C. GAS ☐ D. WATER INJ. ☐ E. WASTE DISP. ☐ F. OTHER				2 FORMATION Gypsum & Yates			
3 TOTAL DEPTH 70 7440		4 BOTTOM HOLE TEMP.		5 SACKS CEMENT		6 TYPE OF COMPLETION ☐ A. NEW WELL ☐ B. REWORK ☐ C. RECOMPLETION	
7 DRILL FLUID USED ☐ A. WATER BASE ☐ B. OIL BASE ☒ C. AIR OR GAS ☐ D. OTHER		8 WATER (BPD)		INITIAL PRODUCTION OIL (BPD) GAS (MCF/D)		PRESENT PRODUCTION WATER (BPD) OIL (BPD) GAS (MCF/D)	
10 CASING SIZE & DEPTH 70 3008		11 TYPE OF CASING ☒ A. N-80 ☐ B. J-55 ☐ C. H-40 ☐ D. P-110 ☐ E. LAPWELD ☐ F. OTHER		12 CASING VOLUME ALLOWABLE 133 bbl		13 CSG. PRESS 3000	
16 TUBING SIZE 5 1/2		17 DEPTH OF TUBING 17		18 TUBING VOLUME 19		19 ALLOWABLE TUB. PRESS.	
22 O.H. OR PERF. O.H. SIZE SHOTS/FT FROM TO		CHECK ZONE TREATED		23 PREVIOUS TREATMENT RECORD (SHOW DATES) 2/20/58 375' to 376'		24 PUMPING EQUIPMENT 3 1/2 pumps	
25 MAX. 3 MIN. 1/2 AVG. 2		26 JOB DONE ☐ A. T.B.G. ☐ ANNULUS ☒ B. CSG.		27 AVERAGE RATE 43.2		28 TOTAL BBLs. PUMPED 160 bbl	
29 740 bbl		30 200 bbl		31 TREATING PRESS. 2200		32 TREATING FLUID 42.5	
33 SHUT IN PRESSURE 1700		34 SHUT IN PRESSURE AT 10 MINUTES LATER 1300		35 PSI AT 46.5		36 BPM 1600	

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			Well loaded - broke at 1950 psi
9:36	0		130	10	10		Shut down - perforate another section
1:22							Test Dowell connections to 3500 psi
1:30	0						Start props
1:31	0		160	30	40		Shut down - fix leak
1:36	2000						Start props - start and slow & inc to 3 lb
1:39	1700		300	140	180	46.6	Cut sand - shoot 60 balls
1:40	1750		330	30	210		Start sand at 1 lb & inc to 2 lb/gal slow
1:42	2200						Balls on perforation
1:43	2150		450	150	360	42.8	Cut sand to 1 lb & inject 50 balls
1:43	2150						Increase sand to 2 lb/gal slow
1:46	2000		640	160	520	45.6	Cut sand to 1 lb/gal & inject 40 balls
1:47	2000						Increase sand to 2 lb/gal slow
2:50	1950						Pressure reading
1:53	2000		900	260	780	40.0	Cut sand - start flush
1:53	2100		1100	200	930	40.0	Shut down - treatment complete
1:53	1600						Shut down pressure
2:08	1300						Shut in pressure

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SEP 15 1969

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ARTESIA, OFFICE

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

TIME LEFT LOCATION

4:00 A.M./P.M.

ENGINEER

Denny Strickland