

Date 6/30/76 Western District Hobbs, N. Mex. F. Receipt 140633
Operator Howard Boatwright
Lease State CS Well No. 1
Field Burton Flats Location 32-25s-24e
County Eddy State New Mexico
Stage Number 1 This Zone ☒ This Well ☒

WELL DATA:	OG ☐ NG ☐ NO ☐ OO ☐ WD ☒ IW ☐ Misc. ☐	Depth TD/PB	3200	Formation	Delaware						
	Size Tubing	2 7/8"	Tubing Perf.	3129	Type Packer	Set At					
Size Casing	9 5/8"	Wt.	36#	Set From	0	To	3200	Size Liner		Wt.	
Liner Set From		To		Open Hole: Size		From		To			
Casing Perforations: Size		Holes Per Foot		Intervals							

Previous Treatment _____ Prior Production _____

TREATMENT DATA:	Pad Used: Yes ☐ No ☒ Pad Type _____	FLUID PUMPED AND CAPACITIES IN BBLS.
	Treating Fluid Type: Oil ☐ Water ☐ Acid ☒ Misc. ☐ Foam ☐ Emulsion ☐	
Treating Fluid Volume Gals. 5000	Fluid Description 15% Regular Acid	Tubing Cap. _____

Total Prop Quantity	Lbs.	Prop Type: Sand ☐ Beads ☐ Special ☐ None ☒	Annular Cap.	324
Prop Mesh Sizes, Types and Quantities			Open Hole Cap.	
Hole Loaded With	Water	Treat Via: Tubing ☒ Casing ☐ Anul ☐ Tubing & Anul. ☐	Fluid to Load	
Ball Sealers:	In	Stages of	Pad Volume	
Types and Number of Pumps Used	1	Fracmaster 1111	Treating Fluid	120
Auxiliary Materials	5 Gallons	1-15	Flush	50
Procedure	Pump 120 Barrels Acid via Tubing		Overflush	
	Pump 300 Barrels Water via Casing		Total to Recover	494

FLUID PUMPED AND CAPACITIES IN BBLs.	
Tubing Cap.	_____
Casing Cap.	_____
Annular Cap.	324
Open Hole Cap.	_____
Fluid to Load	_____
Pad Volume	_____
Treating Fluid	120
Flush	50
Overflush	_____
Total to Recover	494

[illegible]

Treating Pressure: Min.	600	Max.	1500	Avg.	1050	Customer Representative	Mr. Howard Boatwright
Inj. Rate on Treating Fluid	7	Rate on Flush	12	Western Representative	Ricky Byer	Distribution	
Avg. Inj. Rate	9 1/2	I.S.D.P.	400	Flush Dens. lb/gal	10#	3cc:	811 First Nat'l. Bank Bldg., Midland,
Final Shut-in Pressure	---	in	---	Minutes.			Texas, 79701
Operator's Maximum Pressure	1500					1cc:	Hobbs District Office
Job Number							

Job Number

The Western Company
of North America
TREATMENT REPORT

Date 5/10/78 Western District Artesia, N.Mex. F. Receipt 180535
Operator The Permian Corporation
Lease State CS Well No. 1
Field Unknown Location Unknown
County Eddy State New Mexico
Stage Number 1 This Zone This Well

WELL DATA: OG NG NO OO WD IW Misc. Depth TD/PB 2589 Formation Delaware
Size Tubing 2 7/8" Tubing Perf. Type Packer Baker Model D Set At 2585-2589
Size Casing 9 5/8" Wt. Unknown Set From 0 To 2989 Size Liner Wt.
Liner Set From To Open Hole: Size 8 3/4" From 2989 To 3120
Casing Perforations: Size Holes Per Foot Intervals

Previous Treatment Prior Production

TREATMENT DATA: Pad Used: Yes No Pad Type
Treating Fluid Type: Oil Water Acid Misc. Foam Emulsion
Treating Fluid Volume Gals. Fluid Description 10% Brine
Total Prop Quantity Lbs. Prop Type: Sand Beads Special None
Prop Mesh Sizes, Types and Quantities
Hole Loaded With Treat Via: Tubing Casing Anul Tubing & Anul.
Ball Sealers: In Stages of
Types and Number of Pumps Used 1 High Horse acidmaster
Auxiliary Materials

FLUID PUMPED AND CAPACITIES IN BBLs.
Tubing Cap.
Casing Cap.
Annular Cap.
Open Hole Cap.
Fluid to Load
Pad Volume
Treating Fluid
Flush
Overflush
Total to Recover

Procedure Treat Perfs via Tubing as follows: Pump 5 Mins. @ 1/2BPM, Shut Down; Pump 5 Mins. @ 1 BPM, Shut Down; Pump 5 Mins. @ 1 1/2 BPM, Shut Down; Pump 5 Mins. @ 2 BPM, Shut Down; Continue Until Pressure & ISDP are Established to 5 BPM if Possible

Time	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate BPM	REMARKS—
	Tubing	Casing			
10:00	600	700	0	1/2	Safety Meeting Start Injection for 5 Minutes.

The Western Company
of North America
TREATMENT REPORT

Date 7/19/76 Western District Hobbs, N. Mex. F. Receipt 149802
Operator Permian Corporation
Lease State CS Well No. 1
Field Delaware Location 17-21s-27e
County Eddy State New Mexico
Stage Number 1 This Zone ☒ This Well ☒

WELL DATA: OG ☐ NG ☐ NO ☐ OO ☐ WD ☐ IW ☒ Misc. ☐ Depth TD/MB 3120 Formation Delaware
Size Tubing Tubing Perf. Type Packer Set At
ize Casing 9 5/8" Wt. 36# Set From 0 To 2989 Size Liner Wt.
iner Set From To Open Hole: Size 8 3/4 From 2989 To 3120
asing Perforations: Size Holes Per Foot Intervals

Previous Treatment Prior Production

TREATMENT DATA: Pad Used: Yes ☒ No ☐ Pad Type Gelled 10# Brine
Treating Fluid Type: Oil ☐ Water ☒ Acid ☐ Misc ☐ Foam ☐ Emulsion ☐
Treating Fluid Volume Gals. 50,000 Fluid Description Gelled 9.2# Brine
Total Prop Quantity 100,000 Lbs. Prop Type: Sand ☒ Beads ☐ Special ☐ None ☐
Prop Mesh Sizes, Types and Quantities 20/40 Sand
Prole Loaded With Treat Via: Tubing ☐ Casing ☒ Anul ☐ Tubing & Anul. ☐
all Sealers: In Stages of
Types and Number of Pumps Used 2 Fracmaster's 1111
Auxiliary Materials 1450# J-10; 100 Gallons FS-2; 125 Gallons KW-37; 30# K-470
Procedure Frac Down Casing

FLUID PUMPED AND CAPACITIES IN BBLs.
Tubing Cap.
Casing Cap. 222.6
Annular Cap.
Open Hole Cap. 10
Fluid to Load
Pad Volume 100
Treating Fluid 1250
Flush 232
Overflush 168
Total to Recover 1750

Time M/PM	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate BPM	REMARKS—Test Lines & Safety Meeting
	Tubing	Casing			
:00		0	0	26	Load Hole with Pad.
:02		550	100	40	Start Sand @ 1/2# 20/40.
:04		550	125	50	Start Sand @ 1# 20/40.

