

THE WESTERN COMPANY
"Engineered Well Services"

Form PS-8 (Rev. 11/66) **RECEIVED** **SEP 15 1975** **U.S. GEOLOGICAL SURVEY**
ARTESIA, NEW MEXICO

SEP 16 1975 GENERAL OFFICES - FORT WORTH, TEXAS
TREATMENT REPORT

O. C. C.
ARTESIA, OFFICE

DATE: 9/3/75 Western District: Robbs, New Mexico Field Receipt No. 113045 Stage No. 1

Operator: Westall & Nisk Lease: Leahane Federal Well No. 3
Field: Shuyart Location: 23-13S-31E County: Eddy State: New Mexico

WELL DATA:
New Well X Old Well _____ Depth TD/PB 3700 Formation Queens
Size Tubing _____ Tubing Perf. _____ Type Packer _____ Casing _____ Set At _____
Size Casing 4 1/2" Wt. 9.5 Set From 0 To 3700
Size Liner _____ Wt. _____ Set From _____ To _____
Open Hole: Size _____ From _____ To _____
Casing Perfs: Size 4.1 No. Per Ft. Random Intervals 3312 to 3682 (28 holes)

Previous Treatment _____ Prior Production _____

TREATMENT DATA:
Hole Loaded With Fresh Water
Treating Fluid 40,000 Gallons Gelled Water
Propping Agent 55,000# 20/40 Sand
Auxiliary Materials 1200# 1-2, 1000# Aqua Seal, 20 Gallons LI-22,
172 gallon 1-10, 20# E-10 - resizer
Ball Sealers: 5 in 1 Stages of 5
HHP Used 2 Fracmaster's 1111
Procedure Spot Acid Across Perfs, then Frac Casing Perf via tubing

CAPACITIES & FLUID PUMPED:
Tubing Cap. _____
Casing Cap. 60.2
Annular Cap. _____
Open Hole Cap. _____
Fluid to Load 8
Pod Volume 45
Treating Fluid 840
Flush 60
Overflush 5
Total to Recover 953

Time AM/PM	Treating Pressure - Psi Tubing Casing	Bbl Fluid Pumped	Inj. Rate BPM	REMARKS
3:25	0	0	14	Start breakdown - Pad.
3:25+	2200	8	14	Hole loaded.
3:29+	2600	48	23	Start 1# 20/40.
3:30+	2800	72	28	Start 1 1/2# 20/40.
3:32	2650	108	26	1# on formation.
3:33+	2600	114	28	Start 2# 20/40.
3:35+	2500	208	29	2# on formation.
3:36+	2400	240	29	Run 5 balls.
3:37	2400	245	29	Start 1# 20/40.
3:38	2400	264	29	Start 1 1/2# 20/40.
3:39+	2400	304	25	Balls on formation, 2400 to 2700.
3:41+	2800	360	25	Start 2# 20/40.
3:45+	2550	460	26.5	Start 1 1/2# 20/40.
3:56+	2450	733	27	Pressure Reading.

Treating Pressure: Min. 2200 Max. 2800 Avg. 2400
Inj. Rate On Treating Fluid 27
Inj. Rate On Flush 27
Avg. Inj. Rate 27
I.S.D.P. 1500 Type Fluid Gelled Water
Final Shut-in Pressure 1400 in 15 min.
Operator Maximum Pressure 3000

Customer Representative Mr. Gerald Westall
Western Representative John Ray
Distribution _____
Job: Box 1477, Roswell, N. Mex., 88201
Job: Hobbs District Office

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W
WESTERN

Time AM/PM	Treating Pressure - Psi Tubing Casing	Bbl Fluid Pumped	Inj. Rate BPM	REMARKS
4:02+	2400	808	27	Start flush.
4:03	1550	27	14	Slow pump.
4:07	1500	118	7	All fluid.

