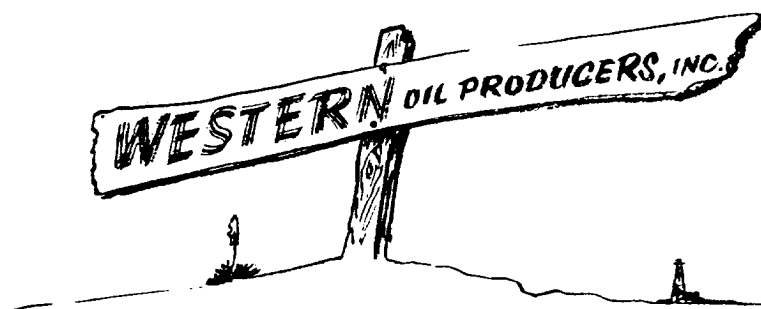




P. O. Box 2055

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UNION STATE #1 1980' FNL & 660' FWL, Sec. 32, T-16S, R-33E, Lea County, New Mexico

7/10/76: DST #1 10,302' - 10,490'

PF 30 min.

ISI 90 min.

2nd F 60 min.

FSI 120 min.

Gas to surface 21 min.

IHH 4759

IF 0 min. 3 psi

IFF 29 min. 463

ISI 1924

2nd Flow

IP 619

F 2nd Flow 59 min. 905

FI 1869

Recovered 90' GCDM, 1600' GCO w/approximately 2 to 3% water

7/13/76: DST #2 10,676' - 10,809'

PF 30 min.

ISI 90 min.

2nd F 90 min.

FSI 240 min.

Gas to surface in 16 min. on 3/8" choke, Gas press. varied from 10 to 18 psi

Est. gas flow 50,000

IHH 4927

IF 0 min. 419

FF 29 min. 465

ISIP 1619

I 2nd F 581

F 2nd F 907

FSIP 1551

FHH 4904

Sampler recovered 800 psi, 15.24 cu. ft. of gas, 700 cc oil, 200 cc of wtr.

Recovered 2503' of GCO, 120' GCW, Temp. 140°

7/23/76: DST #3 11,430' - 11,553'

IHH 5371

Pre Flow 30 min. 982 to 1179

ISI 120 min. 3870 psi

2nd Flow 120 min. 1484 to 1899

FSI 240 min. 3980 psi

FHH 5349

To open with fair blow, increase to strong blow, GTS 6 min., Flow rate 95 psi on 3/8" choke; Dropping to 8 psi in 30 min. Flow rate 220 MCF.

Open tool on 2nd Flow with fair blow, increase to strong blow in 12 min. on 3/8" choke. Mud to surface in 29 min., Oil to surface in 29 min.