

MERRION OIL & GAS CORPORATION

SALAZAR G 34-3

Sec. 34, T25N, R6W

Rio Arriba County, New Mexico

7/27/82

Well gassing lightly, no pressure. Made 31 Bbls total fluid over weekend. Rig up Bluejet. Ran Baker Wireline Retrievable Bridge Plug and set @ 5650' KB. Pressure tested plug to 4500 PSIG. Perforated 2nd Stage Gallup w/3-1/8" casing guns as follows:

5532'	1 hole
5541'	1 hole
5548 - 51'	2 holes
5575'	1 hole
5583 - 89'	4 holes
5594 - 5604'	6 holes
5614 - 28'	8 holes

Total 23 holes.

Rig down perforators. Trip in w/2-3/8" tubing and Baker Straddle Packers w/mechanical collar locator. Load hole and spot 250 gal. 15% HCL @ 5640' KB. Straddle pack perfs as follows:

1. 5614 - 28', Breakdown 1100 PSIG, pump in @ 1100 PSIG, ISDP 400
2. 5594 - 5604', Breakdown 1100 PSIG, pump in @ 1100 PSIG, ISDP 400
3. 5583 - 89', Breakdown 1000 PSIG, pump in @ 1000 PSIG, ISDP 600
4. 5575', Breakdown @ 1900 PSIG, pump in @ 1700 PSIG, ISDP 1200
5. 5548 - 51', Breakdown 1800 PSIG, pump in @ 1700 PSIG, ISDP 1200
6. 5541, 5532', Breakdown 1900 PSIG, pump in @ 1800 PSIG, ISDP 1400

Unload hole w/N₂. Trip out w/2-3/8" tubing. Rig up Western. Foam frac 2nd Stage Gallup w/75 Quality foam, 2% KCL water, 1 gal/1000 Aquaflo as follows:

30,000 Gal.	Foam Pad
20,000 Gal.	1 #/gal. 20/40 sand
40,000 Gal.	1-1/2 #/gal. 20/40 sand
11,592 Gal.	2 #/gal. 20/40 sand

Screen out.

Total sand - 103,184 lbs. 20/40 sand.

Total water - 644 Bbls.

Total N₂ - 2,029,266 SCF.

Avg. Pressure - 3650 PSIG, Avg. Rate - 30 BPM.

ISDP - not significant @ maximum pressure 4500 PSIG.

Down to 4100 PSIG in 15 min. Shut-in 2 hours.

Opened to reserve pit on 1/2" choke. Blew down and put into frac tank.

7/28/82

Made 86 Bbls total fluid to frac tank in 8 hours. Pressure 50 PSIG on 1/2" positive flow choke. Pull choke and flow test for 1 hour. Made 12 Bbls, 15% oil, est. 180 MCF/D gas. Pressure 20 PSI. Kill well w/load oil. Trip in w/2-3/8" tubing, retrieving head. Clean out 28' frac sand, unset bridge plug @ 5650' KB. Trip out w/bridge plug. Shut down overnight.

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7/29/82

Trip in w/hydrostatic bailer and 2-3/8" tubing. Tag fill @ 5870' KB. Cleaned out to PBTD, 5955' KB. Trip out. Ran production string of 2-3/8" tubing as follows:

170 jts 2-3/8", 4.7 lb/ft, EUE, J-55 Central	5505.54'
1 Seating Nipple	1.00'
13' Kelly Bushing	13.00'

Landed @ 5519.54' KB. Nipple down BOP's. Flange up wellhead. Rig up to swab. Swab well in and put on test.