

DATA SHEET

Prior to initial completion, the following stimulation and testing was done:

TESTING

3210-3260.5 Treated with 50 barrels fresh water. Swabbed dry. No show
2798-2848.5 Treated with 50 barrels fresh water. Swabbed dry. No show
2464-2514.5 Treated with 50 barrels fresh water. After swabbing back 57 barrels, the formation was making 1 barrel salt water plus 1 gal. oil plus sweet gas TSTM each 15 minutes.
2409.5-2460 Treated with 50 barrels fresh water. Recovered 50 barrels water. Last hour swabbed 1-1/2 barrels salt water plus 1 gal. oil plus sweet gas TSTM.
2355-2405.5 Treated with 50 barrels fresh water. After setting overnight-swabbed 8 barrels salt water plus 5 gals. oil plus slight increase of sweet gas.
2287-2337.5 Treated with 50 barrels fresh water. After recovering 50 barrels-swabbed 1/2 barrel salt water plus 1 gal. oil plus sweet gas TSTM every 15 minutes.
2232.5-2283 Treated with 50 barrels fresh water. After recovering 20 barrels-swabbed down to only a flow of oil, gas & water.
1777-1827.5 Treated with 50 barrels fresh water. Recovered 52 barrels. Last swab had 1 barrel salt water plus 1 gal. dark green oil plus sour gas TSTM.

SAND - WATER TREATING

2464-2514.5 Treated with 363 barrels fresh water plus 5838 pounds sand. Swabbed down to 1 barrel water plus 5-6 gals. oil plus some emulsion. Re-treated with 30 gals. of HOWCO Hyflow mixed with 90 barrels lease oil. Recovered 45 barrels oil and swabbed down 2 gals per 10 minutes.
2409.5-2460 Treated with 264 barrels fresh water plus 8075 pounds sand.
2355-2405.5 Treated with 170 barrels fresh water plus 2000 pounds sand.
2287-2337.5 Treated with 760 barrels fresh water plus 8250 pounds sand. Results of preceding work was 2-3/4 barrels of 40 gravity oil plus 24 barrels salt water. Plug back to 1678 feet.

SAND - OIL TREATING

1583-1615 Treat with 5000 gals. heavy oil plus 1550 pounds sand. Broke @ 2500 pounds with 50 barrels lease crude.
1/4 lbs. /gal 2700 gals @ 3300 pounds
1/2 lbs. /gal 2000 gals @ 3100 "
3/4 lbs. /gal 500 gals @ 3100 "
Average inspection rate 15.5 BPM.
Flush @ 2600 pounds @ 18 BPM
Immediate SIP - 1550 pounds (4:51 PM - 1-20-57)
SIP - 1150 pounds (7:00 P.M- 1-20-57)
SIP - 850 pounds; (7:00 AM - 1-21-57)

TABLE 1

Prior to initial completion, the following stimulation and
resting was done:

TESTING

2310-2400.5	Treated with 50 barrels fresh water. Swapped dry. No show.
2308-2418.5	Treated with 50 barrels fresh water. Swapped dry. No show.
2404-2514.5	Treated with 50 barrels fresh water. After swabbing back 50 barrels, the formation was making 1 barrel salt water plus 1 gal. oil plus sweet gas TSTM each 15 minutes.
2409.5-2450.5	Treated with 50 barrels fresh water. Recovered 50 barrels. Last hour swabbed 1-1/2 barrels salt water plus 1 gal. oil plus sweet gas TSTM.
2455-2458.5	Treated with 50 barrels fresh water. After setting overnight, swabbed 8 barrels salt water plus 5 gal. oil plus slight increase of sweet gas.
2457-2437.5	Treated with 50 barrels fresh water. After recovering 50 barrels, swabbed 1 1/2 barrel salt water plus 1 gal. oil plus sweet gas TSTM every 15 minutes.
2432.5-2438.5	Treated with 50 barrels fresh water. After recovering 50 barrels, swabbed down to only a show of oil, gas & water.
1717-1817.5	Treated with 50 barrels fresh water. Recovered 50 barrels. Last swap had 1 barrel salt water plus 1 gal. dark green oil plus sour gas TSTM.

SAND - WATER TRAPPING

2404-2510.5	Treated with 50 barrels fresh water plus 5000 pounds sand. Swapped down to 1 barrel water plus 5-6 gal. oil plus some emulsion. Re-treated with 50 gal. of H ₂ O ₂ H ₂ SO ₄ mixed with 50 barrels lease oil. Recovered 45 barrels oil - and swabbed down 2 gal. per 10 minutes.
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2409.5-2440.5	Treated with 50 barrels fresh water plus 8000 pounds sand.
2438-2440.5	Treated with 100 barrels fresh water plus 2500 pounds sand.
2437-2437.5	Treated with 100 barrels fresh water plus 8250 pounds sand.

Results of preceding work are 1-1/4 barrels of oil gravity oil plus 14 barrels salt water.

Time back to 1815 level.

SAND - OIL TRAPPING

1803-1815	Treat with 5000 gal. heavy oil plus 1500 pounds sand. From 1-1/2 barrels with 5 barrels lease crude.
	1 1/2 lbs. gal. @ 1500 pounds
	1 1/2 lbs. gal. @ 3100 "
	1 1/2 lbs. gal. @ 3100 "
	1 1/2 lbs. gal. @ 3100 "

Average injection rate 1 1/2 TSTM.

Flow 15000 pounds @ 18 TSTM.

Immediate 215 - 1500 pounds (4:31 PM - 1:31-57)

215 - 1110 pounds (7:00 PM - 1:30-57)

215 - 550 pounds (1:00 AM - 1:31-57)