ROBERT L. BAYLESS, PRODUCER LLC

BROWN #1R 1869 FNL & 2514 FEL SECTION 10, T30N, R12W SAN JUAN COUNTY, NEW MEXICO



## **COMPLETION REPORT**

07/17/06 Set frac tanks on location. Fill tanks with 2% KCLwater .Installed WSI frac valve on casing. Pressure tested casing and valve to 3500 psi, held OK. Wait on further completion.

07/18/06 Rigged up Blue Jet Wireline. Perforated the Basal Fruitland Coal interval with 3 1/8" casing gun at 3 JSPF as follows:

1943 - 1946 ft	3 ft	9 holes	.41" diameter
1958 - 1961 ft	3 ft	9 holes	.41" diameter
1988 – 2010 ft	22 ft	66 holes	.41" diameter
Total	28 ft	84 holes	.41" diameter

Rigged up Halliburton frac crew. Broke down perforations at 1050 psi. Acidized Fruitland coal interval with 750 gals of 15% HCl acid containing 125 RCN Ball sealers at 5.0 BPM. Had very good ball action. Surged balls off perforations. Pumped remaining acid into Perforations, final rate 5 bpm @ 850 psi. ISIP was 760 psi (0.82 FG). Fracture stimulated the Basal Fruitland Coal with 64,000 gallons of 15 vis and 12 vis Silver Stim LT with Sandwedge X-linked gel system containing 139,000 lbs of 20/40 sand as follows:

16,000 gals of 15 vis Silver Stim LT pad	31 BPM @ 1550 psi
8,000 gals of 12 vis Silver Stim LT w/1 ppg 20/40 sand	31 BPM @ 1500 psi
12,000 gals of 12 vis Silver Stim LT w/2 ppg 20/40 sand	31 BPM @ 1350 psi
12,000 gals of 12 vis Silver Stim LT w/3 ppg 20/40 sand	25 BPM @ 1100 psi
9,000 gals of 12 vis Silver Stim LT w/4 ppg 20/40 sand	20 BPM @ 1000 psi
7,000 gals of 12 vis Silver Stim LT w/5 ppg 20/40 sand	20 BPM @ 850 psi
1,300 gals of flush	20 BPM @ 800 psi

ISIP was 600 psi, decreasing to 450 psi after 15 minutes. Average rate 25 BPM, average pressure 1200 psi. Maximum pressure 1550 psi, minimum pressure 850 psi. Shut well in overnight.

- 07/19/06 Move completion rig and air unit to location. Nipple down Frac valve and nipple up wellhead and BOP. Tripped in the hole with 40 joints. Shut down waiting on welder pipeline. Unload well. Tripped in hole with 59 joints and tagged fill at 1933 ft. Rigged up to Clean out. Cleaned out fill and cement to 2114 ft with 65 joints. Tripped out 10 joints above the perforations. Release air unit and Shut the well overnight.
- 07/20/06 Shut in pressures: tubing 45 psi, annulus 110 psi. Blew well down. Tripped in the hole and tagged. No fill came out of the hole. Picked up 2 3/8" yellow band tubing. Circulated hole clean on bottom. Tubing landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0 - 3
61 jts of 2 3/8" 4.7#/ft J55 EUE		
Yellowband tubing	1984.99	3 - 1988
2 Sub (10ft, 10ft)	20.00	1988 - 2008
1 seating nipple	1.10	2008 - 2009
1 tail joint of 2 3/8" tubing	16.35	2009 - 2025
	2025.44	

Nipple down BOP. Nipple up Wellhead. Nipple up to run rods. Tripped in the hole with pump and rods, landed as follows:

	<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB 1	to landing point	0.00	0 - 0
1	1 ¼" Polished rod	16.00	0 - 16
79	7/8" used rods	1975.00	16 - 1991
3	Rod sub (4t, 4ft, 8 ft)	16.00	1991- 2007
1	1 1/2" top holdown pump	10.00	2007- 2017
	•	2017.00	

Rigged down and release rig, job complete.