UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. 6. 7.	Lease Number SF-078571 If Indian, All. or Tribe Name Unit Agreement Name
6.	SF-078571 If Indian, All. or Tribe Name
7.	Unit Agreement Name
	g-comence name
8.9.	Well Name & Number Day B #2 API Well No.
10.	30-045-06598 Field and Pool Blanco PC South/
11.	Blanco Mesaverde County and State San Juan Co, NM
THER	DATA
truct	
ıt oi	
ne at	ctached procedure.
	2
	3
	j û
r_Dat	te 1/26/01
е М Д	TLW
	THER f Pla truct ine I ut of on to

Blanco Pictured Cliffs South / Blanco Mesaverde Unit M, Sec. 7, T-26-N, R-8-W

Latitude / Longitude: 36°35.082' / -107°43.5966' Recommended Commingle Procedure 7/6/00

Project Justification: The Day B #2 was completed in 1958 as a dual producer in the Pictured Cliffs and Mesaverde formations. In 1959, the packer and both strings of tubing were pulled, and then re-ran. This was done again in 1975, replacing 1 joint of tubing above the packer. This workover will commingle the Pictured Cliffs and Mesaverde and install a plunger system as a means of artificial lift. The current production rates are 35 MCF/D and 0 BOPD from the Pictured Cliffs (3-month average) and 39 MCF/D and 0.3 BOPD from the Mesaverde. It is anticipated that post-workover rates will be 55 MCF/D for the Pictured Cliffs and 55 MCF/D for the Mesaverde.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 10'.

- Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow 1. pit prior to moving in rig. Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
- Haul to location ~5 joints of 1-1/4", 2.4#, EUE tubing. MOL and RU workover rig. Obtain and record all wellhead 2. pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. (A singletubing donut and WH for 2-3/8" tubing will be needed.) Test secondary seal and replace/install as necessary.
- Pictured Cliffs 1-1/4" tubing is set at 2880'. PU additional 1-1/4" tubing and TIH with 1-1/4" tubing. Tag top of 7-3. 5/8" Baker Model D packer at 2960'. If fill is encountered, TOOH with tubing. Remove bull plug and TIH. Clean off top of packer with air mist. TOOH with 1-1/4", 2.4#, J-55, EUE tubing and LD PC tubing. Mesaverde 2-3/8" tubing is set at 5233'. Pick straight up on MV tubing to release the seal assembly from the 7-5/8", Baker Model "D" packer set at 2960'. TOOH with 2-3/8", 4.7#, J-55, EUE tubing. Check tubing for scale build up and notify Operations Engineer.
- PU and TIH with 2-3/8" tubing and Baker Model "CJ" packer milling tool to recover the 7-5/8" Baker Model "D" 4. packer at 2960'. Mill on packer with air/mist using a minimum mist mist rate of 12 bph. TOOH and lay down packer.
- TIH with 4-3/4" bit, bit sub and watermelon mill for 5-1/2", 15.5# casing on 2-3/8" tubing and round trip to PBTD at 5. 5320'. Clean out with air/mist as necessary. NOTE: When using air/mist, minimum mist rate is 12 bph. PU above the Pictured Cliffs perforations at 2846' and flow the well naturally, making short trips for clean up when necessary. Discuss sand production with Operations Engineer and Drilling Superintendent to determine when clean-up is sufficient. TOOH with 2-3/8" tubing to LD bit and bit sub.

TIH with 2-3/8" tubing with an expendable check and a seating nipple on bottom. Broach all tubing and land at 6. approximately 5290'. ND BOP and NU single-tubing hanger WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. If well will not flow on its own, make swab run. RD and MOL. During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production. Return well to prod

Recommended:

Operations Engineer

Lease Operator:

01-24-01 erations Engineer

Joe Michetti

Office - 326-9764

Pager - 564-7187

Dwayne Horton

Johnny Cole

Darren Randall Office: 326-9808

Cell: 320-2521

Cell: 320-2618

Sundry Required: YES

Cell: 320-2550

326-8779 Pager: Pager: 326-8349

324-7335 Pager:

Foreman: JAM/jms

Specialist: