

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Synergy Operating, LLC (agent for Bois d' Arc Offshore, Ltd.)

3. Address and Telephone No.

PO Box 5513 (505) 325-5449 OGRID # 163458  
Farmington, NM 87499

4. Location of Well (Footage, Sec. T. R., M. or Survey Description)

Unit Letter M, 960' FSL, 700' FWL, Sec 33, T21N-R05W

5. Lease Designation and Serial No.

NMNM-99728

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

28894

8. Well Name and No.

Bois d' Arc Cejita Blanca 33 # 1

9. API Well No.

30-043-20951

10. Field and Pool, or Exploratory

WC-21N5W33M Mesaverde (Gas)  
Undesignated Mesaverde

11. County or Parish, State

Sandoval, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or recompletion Report and Log Form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work.

If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.

04-05-2002 to 04-28-2002

The following Drilling and Coring was performed on the subject well.

Core Recovery 281 feet of 315 feet on the 33 # 1 well @ 89.2 % Recovery

5-1/2" Production Casing was run and cemented to surface per the attached information.

14. I hereby certify that the foregoing is true and correct

Signed:

Thomas E. Mullins

Title: Engineering Manager

Date:

06-10-2002

This space for federal or state office use

Approved by:

/s/ Patricia M. Hester

Lands and Mineral Resources

Title:

Date:

JUN 19 2002

Conditions of approval if any

Cejita Blanca 33 # 1  
Summary Information

- 4/5/02 Move Equipment from the Divide 22 # 1 well to the Cejita Blanca 33 # 1 well. BLM (AL Yepa) notified of impending spud. Align Drill with Hole. 2.5 hrs of rig repairs. 11 hrs move equipment.
- 4/6/02 Continue RU. 1 Hr of time to Safety Meetings. 9 Hrs to Rig Repairs, 2.5 Hrs Continue to RU. 1.5 hrs to run Bit # 1 & BHA. Tag at 159'. Test Pipe Rams & BOP. Drill new hole from 159' to 565' (406'). Survey hole at 505', 3 degs Total Move, RU, & Repair Time to Tag shoe of 37.5 hrs.
- 4/7/02 Drill new hole from 565' to 624' (59'). Rig repairs of pumps. WO BJ Services pump truck. Drilled from 624' to 755'. COOH with rotary assembly. PU PCD Core Bit # 1. GIH on 5" DP. Begin coring at 755'. Core from 756' to 762' at report time. (7') of coring. In the middle of Core run # 3.  
Key Energy Pump down, Charge pumps to Dynatec Drilling down, only slow pump rate available.  
190' of rotary hole and 6' of core hole in last 24 hrs.
- 4/8/02 Finish Coring Fruitland Interval from 762' to 808' (46'). TOO. GIH w/ Rotary Assembly as Before w/ Bit # 1 RU BJ Services. Wash & Ream hole to bottom. Drill new hole from 808' to 1057' (249'). Survey hole at 998' - 1 deg Drilling ahead with BJ Services at report time. Key Energy working on 5-1/2" x 8" Triplex Pump all day.
- 4/9/02 Drill new hole with BJ Pump Truck. Pumping 850 psi, 260 gpm, 15K to 19K WOB, 80 RPM. TOO. to replace Drill Bit # 1 with Drill Bit # 2, due to poor penetration.  
Total footage drilled today from 1057' to 1372', (315').
- 4/10/02 Drill New 6-3/4" Hole with BJ Services Pump Truck from 1372' to 1913' (541'). Rig Repairs of 4 hrs, 2.1 hrs Survey
- 4/11/02 Drill new 6-3/4" hole from 1913' to 2260' (347'). Survey hole at 2239', 1.5 degrees.  
TOOH with Rotary Assembly. One Cone on Bit # 2 is very loose, total footage Bit # 2 is 960 ft, 34.08 hrs.  
Dump Mud Pit, Mix New Mud, Note no mud properties listed.  
MU same PCD Core Bit # 1 used in Fruitland Interval, and GIH on 5" DP to 960', incomplete at report time.
- 4/12/02 TIH with 5-1/2" PQ3 Coring System on 5" DP. Mix New Mud to lower wt. Rig repairs.  
Core from 2260' to 2299' (39'). Take Four (4) Desorption Cans.  
Coring ahead at report time.
- 4/13/02 Finish Upper Meneffe Coring from 2299' to 2309' (10'). Rig Repair. COOH w/ Coring Assembly.  
MU Bit # 1 & GIH w/ Drill Collars tagging bridges from 350' to 750'.  
GIH to 2200'. RU BJ. Bit Plugged. Regain Circulation. Ream Cored interval from 2260' to 2309'.  
Mud drill new hole from 2309' to 2404' (95').
- 4/14/02 Drill New Mud Hole from 2404' to 2737' (333').  
Mud Wt Lowered to 8.8 ppg. Review Drilling Parameters. Can Not run more than 19K WOB due to collar wt.
- 4/15/02 Drill New Hole from 2737' to 2888' (151') with BJ Services Pump Truck. Survey Hole at 2741' & 2762' - 3 Degrees.  
Circulate Clean. TOO. with Drilling Assembly. Rig Repairs.
- 4/16/02 Rig Repairs. GIH with Coring Assembly. Circulate past shallow bridges. Recover Fill from btm of hole.  
Adjust Tally to actual hole depth, now 2919'. Deeper by 31 feet. Error occurred during Reaming operation from last core interval.  
Core New hole from 2919' to 2939' (20'), Poor recovery. Work on Coring System.
- 4/17/02 Continue to make Core Runs from 2939.5' to 2951', without any core recovery. We must be destroying the core.  
Unsure of why core system is not working properly. 11% Recovery from 2919' to 2951' (32')  
TOOH with Coring System. Recover approximately 2 feet of core. Service Rig. Replace Lock Rings and clean and check out coring system. TIH with Coring System. Plug Core Tube & Clean. TIH with same Core bit and Coring Assembly.
- 4/18/02 Recover Fill. Core Lower Meneffe Interval from 2952' to 3011' (59'). Take Desorption Cans.

- 4/19/02 Core from 3011' to 3026' (15') total. Problems recovering Core Tube. Begin TOOH with Coring Assembly to recover core and adjust coring equipment to allow for tube recovery.
- 4/20/02 Complete TOOH with Coring Assembly. Recover core from core tube inside of core barrel. Make repairs to coring system. TIH to 200'. Test Coring System. TIH to 3026'. Core Lower Menefee Interval from 3026' to 3080' (54'). Take Desorption Cans in Coal Seams.
- 4/21/02 Core Lower Menefee Interval from 3080' to 3132' (52'), into the Pt. Lookout Sandstone. Take Desorption Cannisters. Circulate and Begin TOOH with the Coring Assembly.
- 4/22/02 Complete TOOH with Coring Assembly. GIH with Bit # 4 (6-3/4" ATJ-33C 12-12-13) used in prior well on Ten (10) 5" DCs. Circulate past shallow bridges. Bit Plugged. Surged Drillstring full of debris. COOH with DP and DCs. Unplug Drill String. GIH with Same Bit # 4, incomplete at report time. Circulate past bridges.
- 4/23/02 Complete TIH with Rotary Drilling Assembly. Note small gas kick in Fruitland Coal interval. Circulate kick out. Begin Reaming hole. Dynatec Rig Pump failure. WO BJ pump truck. RU BJ Pump Truck. GIH and begin reaming 5-1/2" Core hole to 6-3/4". Progress is very slow.
- 4/24/02 Ream 5-1/2" Core hole from 3020' to 3132'. Drill new 6-3/4" hole to 3142'. 112 feet of hole reamed, 10 feet of new hole drilled. Drilling rat hole for logs at 3142' at report time.
- 4/25/02 Drill new hole from 3142' to 3166' (24'). Circulate hole clean. Short Trip Pipe. Rig Repairs. Survey hole at 3146' - 7.25 degrees. COOH with Rotary BHA and Bit # 4. GIH w/ 5" DP with simple shoe on bottom to 700'. Pull DP to 590'. RU Schlumberger Loggers. RIH with Slimhole logging tools. Tools not functioning properly.
- 4/26/02 Schlumberger Work on slimhole logging tools. Tool Problems. Wait on Parts. Circulate hole. Run OH Logs in multiple attempts (Density-Neutron) only. No Resistivity Log could be run due to tool problems. Good High Resolution Density Log across all Coal Seams. COOH with 5" DP, Breakdown all tools.
- 4/27/02 X-O BOP Rams for 5-1/2" Casing. RU to run 5-1/2" Production Casing. Run 142 Jts 5-1/2" 15.5# J-55 LT&C Casing with 4- 5-1/2" Short Jts. Casing to 3166.22', Float Collar @ 3142.23', Marker Jt @ 2781.78'
- 4/28/02 RU BJ Services. Cement 5-1/2" Production Casing at 3166', Float Collar @ 3142', Marker Jt @ 2782'. 5-1/2" Float Shoe (1.00'), 1 Jt 5-1/2" Casing (22.16), 5-1/2" Float Collar (0.83), 16 Jts 5-1/2" Casing (353.75), 5-1/2" Marker Jt (6.70), 125 Jts 5-1/2" Casing (2766.32), Three (3) 5-1/2" Short Jts (15.46), Total of 142 Jts of Casing plus 4 Short Jts Casing. Landed @ 3166.22', FC @ 3142.23' Top of Marker Jt @ 2781.78'
- Pump cement job as follows: 20 bbls Mud Clean II, 5 bbls Fresh water, Cemented with 53 bbls (120 sxs / 297.6 ft3) of Type III Premium Lite HS Cement (3% KCl, 0.25# Celloflake, 5# LCM-1, 8% gel, 0.3% Sodium Metasilicate) @ 12.2 ppg (2.48 yield), Tail with 36 bbls (100 sxs / 202 ft3) of Type III Premium Lite HS Farmington (3% KCl, 0.25# Celloflake, 0.3% CD-32, 0.7% FL-52) 12.5 ppg (2.02 yield). Displace with 75 bbls Water. Bump Plug to 1900 psi, 1150 psi of lift. All dye water and 6.5 bbls of good cement circulated to surface. Pumped at 2.5 BPM. Plug held. Plug down at 11:14 hrs on 4-28-2002. RD BJ Services.
- Screw back into Casing with Top Drive. Pull Slips. Set Collar Clamp. WOC 5 hrs before we can Rig Down the BOPE and set the final casing slips. Rig Down Dynatec Drilling Rig. Set Slips in 50K Tension.
- Rig Officially Released from location at 17:00 hours on 4-28-2002.