

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

<p>1. Type of Well Gas</p> <hr/> <p>2. Name of Operator New Mexico Oil Conservation Division, Aztec District</p> <hr/> <p>3. Address &amp; Phone No. of Operator 1000 Rio Brazos Rd., Aztec, NM 87410</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 2583' FSL, 2433' FWL, Sec. 15, T-29-N, R-13-W, San Juan County, New Mexico</p>	<p>API # (assigned by OCD) 30-045-08302</p> <p>5. Lease Number Fee</p> <p>6. State Oil &amp; Gas Lease #</p> <p>7. Lease Name/Unit Name Blackjack</p> <p>8. Well No. #1</p> <p>9. Pool Name or Wildcat Wildcat</p> <p>10. Elevation:</p>
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Type of Submission	Type of Action
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

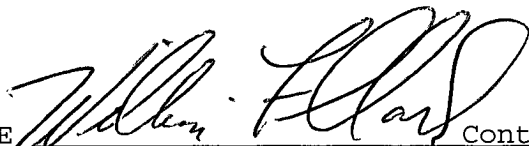
13. Describe Proposed or Completed Operations

This well was plugged and abandoned this well per the attached report on September 14, 2007.

RCVD SEP 27 '07  
OIL CONS. DIV.

DIST. 3

SIGNATURE

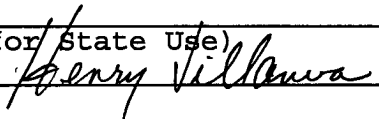


Name William Clark

Contractor - A-Plus Well Service. 9/14/07  
Title

(This space for State Use)

Approved by



Title

Deputy Oil & Gas Inspector,

District #3

Date

OCT 02 2007

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# **A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \* fax: 505-325-1211

New Mexico Oil Conservation Division Aztec District

September 14, 2007

## **Blackjack #1**

Page 1 of 2

2583' FSL & 2433' FWL, Section 15, T-29-N, R-13-W

Fee Lease / Orphan Well

San Juan County, NM

## **Plug & Abandonment Report**

### **Plugging Summary:**

- 8/17/07 MOL with backhoe and welder. Check around 2" pipe for gas, none. Backhoe dig down 13' and expose an 18" culvert (spiral galvanized pipe). Issue Hot Work Permit. Cut culvert off 9' below ground level. Install a piece of 7" casing 10' long and weld it to the culvert. Dump 10 yards ready mix cement around 7" casing and culvert. Dig out cobbles and set 2 rig anchors with 50 sxs.
- 8/20/07 Held Safety Meeting. MOL and RU. Screw a 7" x 8.625" casing head onto the 7" casing collar. NU BOP on a companion flange; test BOP. PU and RIH with 3.875" bit, bit sub, x-over, one 3.125" drill collar; tag 9' down. RU drilling equipment and establish circulation. Drill cement from 9' to 11'; then stopped making hole. No more cement in returns. TOH with bit. RIH with 3.875" concave junk mill and tag at 11'. Establish circulation. Unable to get any deeper. POH with mill; found it cut on outside edge. May have 4" casing in hole. SDFD.
- 8/21/07 Held Safety Meeting. PU 1 joint 1.25" tubing and RIH; stacked out solid at 11'. LD 1 joint. Run 2" hose in hole to bottom; use vacuum truck to empty fluid. Use spotlight to look down casing; may be a metal plate in casing. RIH with 6.125" concave junk mill on 3.125" drill collar. Establish circulation. Bore out 2' cement down to obstruction. Mill approximately 1/2 inch. Pull mill and suck out fluid; showing unknown metal in well.
- 8/22/07 Held Safety Meeting. RIH with 6.125" concave mill to 11'. Tag and establish circulation. Mill on iron, made 1/2"; unable to drill through. Very slow progress. SDFD.
- 8/23/07 Meet with NMOCD at Aztec Office. Discuss well. Determine milling has no progress. RD rig. MOL. Meet Envirotech track hoe at location. Held Safety Meeting. Discuss work plans. Dig out 7" x 7' casing stub and 10 yards of cement that were installed on August 17, 2007. Removed the entire 18" culvert with the cement "chunk". Dig at the point under the culvert and recovered several pieces of steel that appeared to be casing. Unable to determine size of casing as it is covered with ground water. Continued to back slope the hole and dig around the well. Observed bubbles in water. Pegged the gas meter. Fenced hole off for safety. SDFD.
- 8/24/07 Held Safety Meeting with Envirotech, Riley and NMOCD representatives. Discussed work objective and possible dangers. Set up Riley's Super Sucker and pulled 3 loads at 60 bbls each out of hole. Track hoe dug deeper while Riley's sucked water with sand and rocks. Exposed 7" casing at approximately 16'. Also found a non-spiral conductor pipe which was set at approximately 18'. Removed conductor and 7" casing; both in poor condition. Found collar split and side of casing has crack/rip. Appeared to be cemented; no gas outside casing except where split is. It was determined that the excavation walls were too steep. Sloped the walls back to 3:1 with track hoe due to wet, unconsolidated and rocky soil. Welder on location. Prepared 7" x 25' casing. Issue Hot Work Permit. Test air in pit; LLE 20% at top of stub, 0 at 12" above water level. Dressed off the 7" casing stub in the ground. Note it is well cemented on the outside. Weld on the 7" x 25' piece of casing to bring the pipe above surface. Dump 10 yards ready mix concrete around the base of the 7" extension. SDFD.

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**Blackjack #1**

Page 2 of 2

## Plugging Summary - Continued:

- 8/25/07 Road water truck to location. Haul backhoe to location. Back fill the 18' deep x 60' wide hole. Use water truck to pull water from hole so soil would be dry for rig stability. Haul matting pad to well site.
- 8/29/07 Held Safety Meeting. MOL and RU rig and equipment. Install 7" x 8.625" casing head with companion flange. NU BOP and test. PU and TIH with 4.75" bit, bit sub, 1 – 3.125" drill collar and stack out at 20' ground level. RU drilling equipment and establish circulation. Drill down 2' and fell through. Continue to run 6 drill collars and 2.375" workstring into the well. No tag or hole problems down to 248' (from ground level). Circulate well clean with water. Shut in well. SDFD.
- 8/30/07 Held Safety Meeting. PU and continue to TIH with 2.375" tubing workstring; found fill at 589'. RU drilling equipment and establish circulation. Wash and ream out from 589' to 720'. Unable to get deeper. Returns were formation and sand. Hang back swivel. TOH with tubing and collars. RIH with 2.375" tubing open ended and tag at 702'. H. Villanueva, NMOCD, approved plug #1. **Plug #1** with 111 sxs Type III cement (147 cf) inside the 7" casing (?) from 702' up to 182'. TOH with tubing. Load casing with 1 bbl of water. Shut in well. SDFD.
- 8/31/07 Held Safety Meeting. TIH with tubing and tag cement at 338'. TOH with tubing and LD the drill collars. RU wireline unit and round trip 7" gauge ring to 307'; stacked out. RIH with perf gun to 311'; stacked out. C. Perrin, NMOCD, approved perforations and plugs. Perforate 3 squeeze holes at 300'. Attempt to RIH with 7" PlugWell wireline cement retainer; stacked out at 22' (5.75" gauge ring and 5.61" CR). TIH with tubing to TOC at 336'. Circulate well clean with 20 bbls of water.
- 8/31/07 **Plug #2** mix and spot 50 sxs Type III cement (66 cf) with 2% CaCl<sub>2</sub> inside the 7" casing from 336' to 100'. TOH and with tubing. Load casing with water. Shut in the well and pump 4.9 bbls of water and attempt to squeeze cement to 200'. WOC. RIH with perf gun and tag cement at 111'. PUH and perforate 3 squeeze holes at 108'. TIH with tubing and tag cement at 111'. **Plug #3** with a total of 75 sxs (99 cf) cement: 1<sup>st</sup> mix and spot 25 sxs inside the 7" casing from 111' to surface; 2<sup>nd</sup> TOH with the workstring and shut in casing; 3<sup>rd</sup> continue to mix 50 sxs cement squeezing it outside the outside 7" casing. Final pressure was 200 PSI. Shut in well. SDFD.
- 9/04/07 Held Safety Meeting. RD floor and equipment. Open blind doors on BOP and chip out cement. ND and remove companion flange; found cement at surface. Dig out 7" casing. Issue Hot Work Permit. Cut off wellhead. Weld P&A marker onto 7" casing. RD rig. MOL.

Henry Villanueva, NMOCD representative, was on location.

Monica Kuehling, NMOCD representative, was on location.

Robert Whiteley, A-Plus Rig Superintendent, was on location.