Ottica	State of New Mexico	Form C-103
Office District I	Energy, Minerals and Natural Resources	May 27, 2004
1625 N. French Dr , Hobbs, NM 88240 District II		WELL API NO. 30-045-21132
1301 W Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
District III	1220 South St. Francis Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S St. Francis Dr., Santa Fe, NM 87505		B-11124-29
	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPO	SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS)	CATION FOR PERMIT" (FORM C-101) FOR SUCH	Atlantic D Com N LS
1. Type of Well: Oil Well	Gas Well Other	8. Well Number 15
2. Name of Operator		9. OGRID Number
		778
3. Address of Operator		10. Pool name or Wildcat
		Blanco Pictured Cliffs
4. Well Location	,	
Unit Letter_C_::		feet from the <u>West</u> line
Section 2	Township 30N Range 10W	
	11. Elevation (Show whether DR, RKB, RT, GR, et	c.)
Pit or Below-grade Tank Application o	or Closure	California and San
	aterDistance from nearest fresh water wellD	istance from nearest surface water
Pit Liner Thickness: mil		Construction Material
	,	
12. Check A	Appropriate Box to Indicate Nature of Notice	e, Report or Other Data
NOTICE OF IN	ITENTION TO: SU	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON 🛛 REMEDIAL WO	
TEMPORARILY ABANDON	CHANGE PLANS COMMENCE DI	RILLING OPNS.☐ P AND A ☐
PULL OR ALTER CASING	MULTIPLE COMPL	NT JOB
OTHER:	□ OTHER:	. п
OTHER: 13 Describe proposed or comp		
		and give pertinent dates, including estimated date
of starting any proposed we		and give pertinent dates, including estimated date Attach wellbore diagram of proposed completion
or recompletion.	ork). SEE RULE 1103. For Multiple Completions:	Attach wellbore diagram of proposed completion
or recompletion.		Attach wellbore diagram of proposed completion RCVD MAY 9 '08
		Attach wellbore diagram of proposed completion RCVD MAY 9 '08 OIL CONS. DIV.
or recompletion. COMPLIANCE WELL	ork). SEE RULE 1103. For Multiple Completions: A	Attach wellbore diagram of proposed completion RCVD MAY 9 '08 OIL CONS. DIV.
or recompletion. COMPLIANCE WELL This well was drilled and com	pleted as a slim hole in 1973. Production fe	Attach wellbore diagram of proposed completion RCVD MAY 9 '08 OIL CONS. DIV.
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SJ Basin Plug & Abandonment Procedure

Well Name: Atlantic D Com N LS 15 -PC API 30-045-21132

Date: May 2, 2008

Repair Type: P&A

Location Section 2 30N & 10W 880' FNL & 1725' FWL

Objective: P&A entire wellbore.

1. Pump lower cement plug to TOC.

- 2. Perforate casing 100' above CBL documented TOC
- 3. Set cement retainer and squeeze cement behind 2-7/8" casing to surface
- 4. Fill tubular space with cement above retainer to surface

5. Cut off wellhead and install dry hole marker.

Procedure: Notify BLM and NMOCD 24 hours prior to beginning P&A operations.

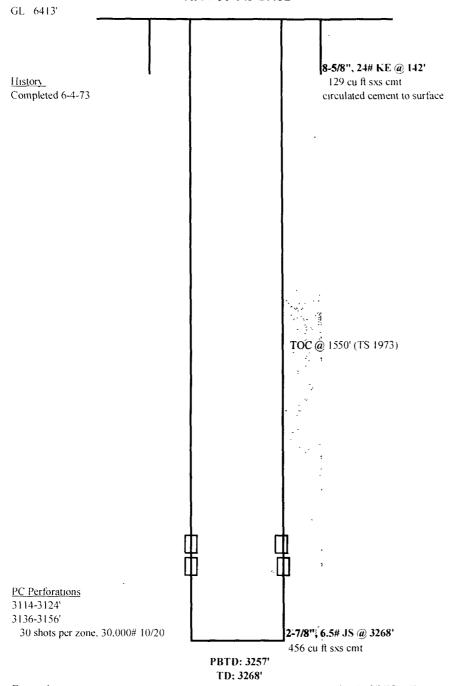
- 1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
- 2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
- 3. Prior to rig up a full history should be obtained for the coil tubing unit. This should include the remaining coil tubing fatigue life, the position of all welds, and the fluid exposure history, all items should be documented for the reel.
- 4. Hold pre-job safety meeting and discuss all JSA's with all BP and third party personnel. The Pre-job safety meeting should cover: heavy lifts, pinch points, location hazards, pressure hazards, and proper PPE.
- 5. Check and record casing and bradenhead pressures (Tubingless completion). Ensure production casing has double casing valves installed. Double valve all casing strings.
- 6. LOTO all necessary equipment including but not limited to: meter run, automation, separator, cathodic protections, and water lines.
- 7. RU slickline unit prior to moving coil rig on location. Pressure test slickline lubricator and BOP's to 500psig. Tag PBTD for future reference.
- 8. Set CIBP @ 3060' with WL. Roll hole with fluid and pressure test casing. If no fluid or pressure loss is apparent run CBL from 3060' to surface. Expect top of cement @ 1550' behind 2-7/8" casing. RD WL.

- 9. Move in and RU CTU. If threaded tree flanges perform proper risk assessment for threaded connections. Use dual choke manifold or production choke for flow back. Fully function and pressure test BOP's to 250-psi low-pressure test, 500-psi high-pressure test expected maximum BHP to be ~350psig. If Shear Rams are not used in BOP stack, refer to local standard operating practice. Lubricator should be of adequate length to cover BHA. Dual flapper check valves should be run above BHA. If dual flapper check valves are not used a detailed and current assessment of risks, mitigations and contingency responses should be refer to, or a local standard operating practice.
- 10. RIH with 1-1/4" coil tubing to 3010' and mix correct batch of G-Class cement using the CBL report results and the volume gradients in next STEP (11) to spot plugs inside 2-7/8" casing.
- 11. The CBL report will tell where we need to perforate and squeeze cement behind 2-7/8" casing expect TOC @ 1550'. We will spot cement plug from 3060' (top of CIBP) to 100' below TOC documented in CBL report. Calculate cement volume to mix and pump using the following unit gradients 0.0325cu. ft./ ft or 0.00579bbl/ft. Example: TOC @ 1550' pump cement volume to fill 1410' (45.83 cu. ft) (3060' CIBP 1550' TOC- 100' depth control safety factor). Do not over mix or pump cement batch above required volumetric amount.
- 12. Circulate water thru coil tubing to rig pit or flow back tank to clean out coil tubing before POOH.
- 13. POOH with coil.
- 14. RU WL and tag TOC inside 2-7/8" document in DIMS report. RIH with perforating gun and shot holes 50' above document TOC from CBL report. RD WL.
- 15. RIH with 1-1/4" coil tubing with a 2-7/8" cement retainer and set retainer 50' above perforated interval. Establish water circulation with surface, if possible, and circulate cement to surface. If circulation not possible squeeze interval with 69.02 cu. ft. to fill 200' of annular space behind 2-7/8" casing + 100' of tubular space below the retainer.
- 16. If cement circulation to surface behind 2-7/8" casing was completed in previous step spot G-Class cement on top of retainer to surface and skip next step (17).
- 17. If cement circulation to surface was not possible in step (15) complete squeeze then sting out of cement retainer spot cement on top of retainer to 250' mix cement using tubular volume gradient of 0.0325cu ft/ ft. Repeat steps 12, 13, 14 (perforate @ 200'), and step 15 except RIH w/ packer to 150' and cover the 8-5/8" casing shoe to surface behind 2-7/8" casing. Then spot cement to surface inside 2-7/8" casing above perforations. Wash cement out of coil tubing to rig pit or flow back tank and POOH.
- 18. Perform underground disturbance and hot work permits. Cut off tree. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
- 19. Install well marker and identification plate per NMOCD requirements.

- 20. RD and release all equipment. Remove all LOTO equipment.
- 21. Ensure all reports are loaded into DIMS. Print out summary of work and place in Well file. Notify Sherri Bradshaw (326-9260) of completed P&A and Cherry Hlava.

Atlantic D Com N LS 15 - PC

Sec 2, T30N, R10W API # 30-045-21132



Formation tops:

PC

3114'

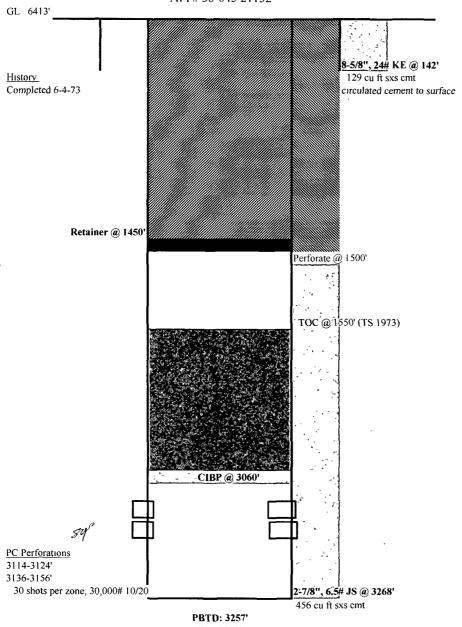
updated 5/2/08 AF

NOTES

1) Mastervale is 2.5" fitting above pipint

Atlantic D Com N LS 15 - PC

Sec 2, T30N, R10W API#30-045-21132



TD: 3268'

Formation tops: Ojo alamo 1725'

Kirtland 1868' 2666

PC

3114

updated 5/2/08 AF

NOTES

1) Mastervale is 2 5" fitting above pipint