Form 3160-5 (August 1999)

/UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

5.	Lease	Serial	No.
	NM -	9331	3

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.						NM - 93313 6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on reverse side.						7. If Unit or CA/Agreement, Name and/or No.		
Type of Well Oil Well	10 1 m			8. Well Name and No. KOCH LS 1				
Name of Operator BP AMERICA PRODUCTION	MARY CORLEY. E-Mail: corleymi@bp.com			9. API Well No. 30-045-09915				
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700			10. Field and Pool, or Exploratory BLANCO MESAVERDE				
4. Location of Well (Footage, Sec., T.)			11. County or Pa	rish, and State			
Sec 3 T30N R10W SENE 180					SAN JUAN COUNTY, NM			
12. CHECK APPE	ROPRIATE BOX(ES) TO	O INDICATE N	ATURE OF N	NOTICE, R	EPORT, OR OT	THER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION							
	☐ Acidize	☐ Deepen		☐ Product	ion (Start/Resum	e) 🔲 Water Shut-Off		
■ Notice of Intent	☐ Alter Casing	☐ Fracture Treat ☐ Reclamation		■ Well Integrity				
☐ Subsequent Report	☐ Casing Repair	☐ New Co	onstruction	☐ Recomplete		Other		
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug an	d Abandon	□ Temporarily Abandon				
	☐ Convert to Injection	☐ Plug Ba	ick	■ Water Disposal				
Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f BP America Production Comp Shale and stimulate as per the	operations. If the operation repandonment Notices shall be final inspection.) cany respectfully request attached procedure.	esults in a multiple co led only after all requ permission to ad	ompletion or reconstruction of the Managements of the Managements of the Management	empletion in a ling reclamation	new interval, a Form, have been complete.	m 1160-4 shall be filed once		
14. Thereby certary that the folegoing is	Electronic Submission For BP AMERICA P Committed to AFMSS	RODUCTION COM for processing by	MPANY, sent t Matthew Hall	o the Farmir pert on 08/06	igton //2002 ()	r		
Name (Printed/Typed) MARY CO	T	Title AUTHORIZED REPRESENTATIVE						
Signature (Electronic	gnature (Electronic Submission) Date 07/22/2002							
	THIS SPACE F	OR FEDERAL	OR STATE	OFFICE L	ISE			
Approved By /o/ . firm	! ovato		Title		I	Date now 12		
Conditions of approval, if any, are attach certify that the applicant holds legal or eq which would entitle the applicant to cond	es not warrant or ne subject lease	Office		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Koch LS #1

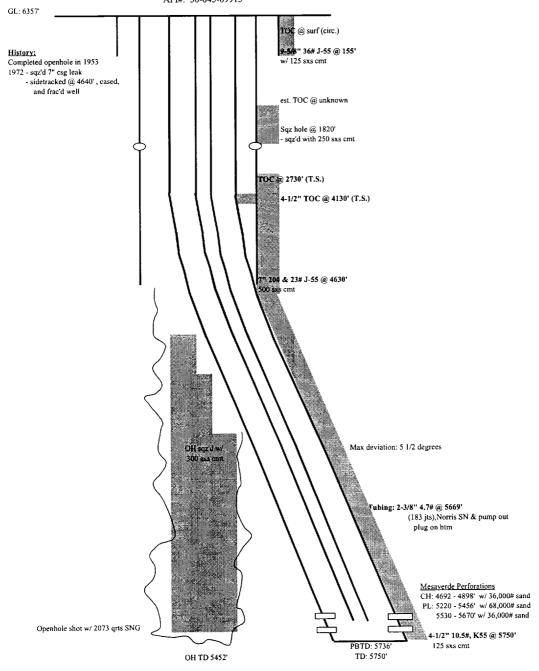
Payadd Procedure

T30N-R10W-Sec3 API #: 30-045-09915

- 1. Check anchors. MIRU workover rig.
- 2. Blow down well. Kill with 2% KCL water if necessary. Nipple down WH. NU BOPs.
- 3. Tag for fill and tally OH with 2-3/8" production tubing. Visually inspect tbg while POOH.
- 4. TIH with bit and scraper for 4-1/2" casing to 5164'.
- 5. RIH with 4-1/2" CIBP. Set CIBP at 5164'.
- 6. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Menefee formation (correlate to GR log).
- 7. RIH with 2-3/8" frac string and 4-1/2" packer. Set packer at 4952'.
- 8. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 9. Flowback frac immediately.
- 10. Release packer and TOH with frac string and packer. LD frac string.
- 11. RIH with 4-1/2" CIBP. Set CIBP at 4622'. Load hole with 2% KCL.
- 12. Run GR log over Lewis Shale interval.
- 13. Pressure test casing to 1500 psi
- 14. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Lewis Shale formation (correlate to GR log).
- 15. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
- 16. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 17. Flowback frac immediately.
- 18. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4622' and 5164'. Cleanout fill to PBTD at 5736'. Blow well dry at PBTD.
- 19. Remove seven joints of tubing and reland 2-3/8" production tubing at 5459'.
- 20. Swab water in tubing with sandline.
- 21. ND BOP's. NU WH. Test well for air. Return well to production.

Koch LS #1

Sec. 3 T30N R10W API#: 30-045-09915



Updated 5/20/02 MNP

Note: Procedure in wellfile to perf 2 3/8" TBG, but I do not think it took place, no BLM follow up Cliffhouse Perfs: 4692 - 4704', 4800 - 12', 4826 - 38', 4872 - 82', 4892 - 98', w/ 16 SPZ, 36,000# sand P.L. Perfs: 5220 - 28', 5250 - 58', 5272 - 84', 5322 - 34', 5350 - 62', 5374 - 80', 5390 - 96', 5408 - 20', 5448 - 56', w/ 16 SPZ, 68,000# sand P.L. Perfs: 5530 - 38', 5554 - 62', 5590 - 98', 5612 - 20', 5662 -70', w/ 16 SPZ, 36,000#