Form 3160-4 (August 1999)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137/ Expires: November 30/2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5. Lease Serial No. NMNM - 010989				
												65 M Indian, Allottee or Tribe Name				
b. Type of Completion New Well Work Over Other						□ Deepen □ Plug Back □ Diff. Resvr.					esvr.	7. Unit or CA Agreement Name and No.				
2. Name of Operator Contact: MARY CORLEY BP AMERICA PRODUCTION COMPANY E-Mail: corleyml@bp.com											8. Lease Name and Well No. FIELDS A 4B					
3. Address P.O. BOX 3092 BOX 3											9. API Well No. 30-045-30633					
4. Location of Well (Report location clearly and in accordance with Federal requirements)*										10. Field and Pool, or Exploratory BLANCO MESAVERDE						
At surface NWSE Lot J 2195FSL 1390FEL 36.57300 N Lat, 107.59400 W Lon											11. Sec., T., R., M., or Block and Survey					
At top p	rod interval r	reported be								or Area Sec 28 T32N R11W Mer NN 12. County or Parish 13. State						
At total depth  14. Date Spudded 15. Date T.D. Reached													SAN JUAN NM			
01/16/2	002			5. Date T.D. Reached 01/22/2002  16. Date Completed □ D & A ■ Ready to Prod. 02/14/2002							od.	17. Elevations (DF, KB, RT, GL)* 6248 GL				
18. Total D	epth:	MD TVD	5431	5431 19. Plug			Back T.D.: MD 5387 20. D					epth Bridge Plug Set: MD TVD				
21. Type Electric & Other Mechanical Logs Run (Submit copy of CBL, TDT						each)	each)  22. Was well con Was DST run Directional St					1? No Yes (Submit analysis)				
3. Casing ar	nd Liner Reco	ord (Repo	rt all strings					· · · · · · · · · · · · · · · · · · ·								
Hole Size	Hole Size Size/Grade		Wt. (#/ft.)	(#/ft.) Top (MD)		ttom AD)	Stage Cemei Depth	ter No. of Sks. & Type of Cemen				Sluny Vol. (BBL)		Тор*	Amount Pulled	
12.250	12.250 9.625 H-40		32.3	<i>e</i> :	0	152		71	110			· · · · · · · · · · · · · · · · · · ·		0		
8.750 6.000	8.750 7.000 H		20.0	24	0	2253 5450				290						
0.000	4.0	500 J-55	10.5	21:		14	30			200						
24. Tubing	Record						<u> </u>									
	Depth Set (N	1D) Pa	cker Depth	(MD)	Size	Deptl	Set (MD)	Packer I	Depth	(MD)	Size	De	pth Set (M	D)	Packer Depth (MD)	
2.375 25. Producii	ng Intervals					26. Perforation Record										
	ormation	Тор	Top Botto							Size	No. Holes Perf. Status					
A)				4609	5361		4609 TO								↑)	
B) C)			<del></del>					5076 TO 536		5361	3.125		34			
D)											-					
	acture, Treat		nent Squeeze	, Etc.	<u> </u>										( )	
	Depth Interva 46		61 100,000	# OF 16/30	) BRADY	SAND	& 70% FOAN	Amount a	ind T	ype of M	aterial				1	
	50	76 TO 53	61 99,180#	OF 16/30	BRADY S	SAND 8	70% FOAM	& N2								
						<del></del>										
28. Producti	ion - Interval	Α		_												
Date First Produced	Test Date	Hours Tested	Test Production	BBF OII	Gas MCF			il Gravity orr. API		Gas Gravity		Producti	on Method			
02/02/2002 Choke	02/02/2002 Tbg. Press.	12 Csg.	24 Hr.	1.0 OiJ	1100 Gas		1.0	ias:Oil		Well St		FLOWS FROM W		OM WELL		
ize 3/4		Press. 140,0	Rate	BBL	MCF			atio			GW					
	tion - Interva	L					I		-		-					
Date First moduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF			orr. API		Gas Gravity		Producti	roduction AGGEPTED FOR REC		FOR RECORD	
hoke ize	Tbg. Press. Flwg. SI	Csg, Press.	24 Br. Rate	Oil BBL	Gas MCF			ias;Oil atio		Well St	atus	FEB 2 6 2002		2 6 2002		
See Instructi	ions and spac	es for add	litional data	on reverse	side)			· · ·	73				FARM BY	NGTO	N FIELD OFFICE	
TEC 1 KOL	** ORIG	5510K#1	ORIGIN	AL ** C	i ne si RIGIN	AVI WE	LL INFORM * ORIGIN	4A 11UN S AL ** O	RIG	EM INAL 1	* ORIC	ANE		IGIN	AI **/V/	

			·	·	_										
	luction - Interv		1			т									
Date First Produced	Test Date	Hours Tested	Test Production	BBT Oil	Gas MCF		Oil Gravity Corr. API		ins iravity	Production Method					
Chake Si e	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	W	Vell Status	· , , , , , , , , , , , , , , , , , , ,					
28c. Proc	luction - Interv	al D				<u> </u>									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Cort. API		das dravity	Production Method					
Choke Sire	Tbg. Press. Flwg. Sl	Csy. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas;Oil Ratio	W	Vell Status						
29. Dispo	osition of Gas	Sold, used f	for fuel, vent	ed, etc.)	I	. <del></del>					<del>-</del>				
30. Sumr Show tests,	nary of Porous  all important including deptections.	zones of no	rosity and co	ontents there	eof: Cored in e tool open,	ntervals and all flowing and sl	drill-stem aut-in pressu	ıres	31. For	nation (Log) Mai	rkers				
	Formation		Top	Bottom Descriptions, Con				etc.		Name		Top			
MESAVE	RDE		4609	5361					PIC LEV CLI ME	JITLAND COAL TURED CLIFFS VIS SHALE FFHOUSE NEFEE NT LOOKOUT		Meas. Depth  2230 2950 3040 4480 4832 5209			
NO F	ional remarks REMARK PRO	OVIDED	ugging proce	edure):			, .	yr (1)	y s			1			
	e enclosed attac		/1 6-D : :	-1.15		2. Geologic Re									
	ectrical/Mecha undry Notice fo					eport sis	3. DST Report 4. Directional Survey 7 Other:								
			Elect For	ronic Subn	ission #103	plete and corre	the BLM	Well Info	rmation Sys	records (see attac tem. on	ched instruction	ous):			
Name (please print) MARY CORLEY								Title AUTHORIZED REPRESENTATIVE							
Signa	Signature (Electronic Submission)								Date 02/18/2002						
Title 18 to	J.S.C. Section	1001 and T	Title 43 U.S.	C. Section 1	212, make i	t a crime for au	ıy person kn	nowingly a	and willfully	to make to any de	partment or a	gency			

## FIELDS A 4B COMPLETION SUBSEQUENT REPORT 02/18/2002

NOTE: CORRECTION TO THE PRODUCTION LINER DEPTH. LINER SET @ 5430'. LINER TESTED TO 3000#. HELD OK. CORRECT PBTD IS 5387'.

01/25/2002 MIRUSU & run TDT log from 2122' to 5380' & CBL log from TD to TOL.

01/26/2002 MIRUSU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee/Point Lookout perforations, 2 spf, 120° phasing (17 shots/ 34 holes): 5076', 5103', 5133', 5128', 5233', 5225', 5258', 5265', 5271', 5273', 5278', 5284', 5312', 5315', 5328', 5342', 5361'

RU & Frac w/99,180# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 5000'. RU & Perf Cliffhouse & Upper Menefee: 3.125 inch diameter

Upper Menefee/Cliffhouse perforations, 2 spf, 120° phasing (25 shots/ 50 holes): 4609', 4718', 4724', 4731', 4734', 4737', 4746', 4779', 4784', 4788', 4798', 4801', 4805', 4814', 4819', 4823', 4828', 4839', 4847', 4865', 4912', 4916', 4946', 4943', 4961'

RU & Frac w/100,000# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru  $\frac{1}{4}$ " choke all night.

01/27/2002 Flowback well thru \(\frac{1}{4}\)" choke. \(\Qmathbb{0}\) 15:00 hrs Upsized to \(\frac{3}{4}\)" choke & flowback until 24.00 hrs. SIFN.

01/28/2002 @ 08,00 flow back well on  $\frac{3}{4}$ " choke for 6.5 hrs. SIFN.

01/29/2002 RU & blow down well. ND Frac Valve & NU BOP. & SDFN.

01/30/2002 RU, TIH & tag fill @ 4925'. C/O to CIBP set @ 500'. DO CIBP. PU above TOL & flow well to pit w/watchman on  $\frac{3}{4}$ " choke.

01/31/2002 TIH & c/o to 5427'. PU above TOL & Flow back well to pit on \( \frac{3}{4}'' \) choke.

02/01/2002 TIH & tag 74' fill. C/O to PBTD @ 5387'. PU above TOL & SDFN>

02/02/2002 RU & flow test well 12 hrs. thru 3 choke. 1100 MCF Gas, Trace WTR, Trace oil.

02/03/2002 Flow back well thru \(\frac{3}{4}\)" choke for 8 hrs. SDFN.

02/06/2002 RU & TIH & tag 62' fill. C/O to PBTD. Upon receipt of logs ran for RECORD it was determined that there was insufficient CMT on the production liner. Pet telephone conversation with Jim Lovato obtained verbal permission to perform run dBL and Bas 6 2002 necessary perf & CMT SQZ in liner. SDFN.

FARMINGTON FIELD REPICE

02/07/2002 RU & ran CBL; Log & shoot 2 SZQ holes @ 3200'. PU & shoot 2 more @ 2300' TU & TIH w/CMT retainer & set @ 3100'. RU & pump 30 BBLS of WTR to est circ up backside of CSG to top SQZ holes. Starting @ 600# & ending @ 1200#. Did not establish circ. RU & pump 156 SXS of 50/50 POZ CMT. Max PSI 1500#. Did not have a real indication of CMT trying to circ up backside. Stung out of CMT Ret & PU above top SQZ & SDFN.

02/08/2002 TIH w/PKR. RU & pumped 20 BBLS of 50/50 POZ CMT & SQZ holes @ 2300'. Rel PKR & TOH. SWI w/500#.

02/11/2002 TIH & tag CMT @ 2047'. DO CMT to 2306'. RU & press Test SQZ to 1000#. Held OK. TOH & SDFN.

02/12/2002 TIH & DO CMT RET. TOH. TIH checking for CMT stringers. Pressure test both SQZ holes to 1000#. Held OK. PU above TOL & SDFN. PU to TOL & SDFN.

02/14/2002 TIH to PBTD & found 0 fill. RU & TIH w/BHA & TBG plug. TIH w/ 2  $3/8^\circ$  production TBG & land @ 5111'. ND BOP. NUWH. Pull TBG plug. RD& MOSU. Rig Release @ 16:00 hrs.