Office		New Me			$\mathbf{F}_{0}$	orm C-103
District I	Energy, Minerals and Natural Resources			Revised March 25, 1999		
1625 N. French Dr., Hobbs, NM 88240 District II				WELL API 1		
811 South First, Artesia, NM 88210	OIL CONSERVATION DIVISION			30-045-24011 5. Indicate Type of Lease		
District III	1220 South	ı St. Fran	ncis Dr.		_	F-78
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe	e, NM 87	7505	STAT		<b>\times</b>
1220 S. St. Francis Dr., Santa Fe, NM 87505				6. State Oil	& Gas Lease No	).
SUNDRY NOTIC	ES AND REPORTS OF	N WELLS	· · · · · · · · · · · · · · · · · · ·	7. Lease Nai	ne or Unit Agree	ment Name
(DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR. USE "APPLICA	ALS TO DRILL OR TO DEE!	PEN OR PLI	JG BACK TO A		3	
PROPOSALS.)	TION FOR PERMIT (FOR	M C-101) FC	Q 0 10 17 7700 00	Crai	vford Gas Com '	<b>`B</b> "
1. Type of Well:		- 6°	A CON			
Oil Well Gas Well X	Other		TUTE COAD			
2. Name of Operator		in (Chin) Tability and a financial	JON 2002	8. Well No.	_	
BP America Production Company		<del> </del>			1 E	
3. Address of Operator P.O. Box 3092 Houston, Tx 77253				9. Pool name Dakota & Ch		
4. Well Location				Dakota & Ch	асга	
Unit <u>Letter J 1520</u>	_feet from the South	line	and <u>1520</u>	feet from the	East line	
Section 24	Township	29N	Range 12W	NMPM	San Juan	County
	10. Elevation (Show w		R, RKB, RT, GR, etc	;. <i>)</i>		
11 Check Ar	ppropriate Box to Inc	5632' GR	otumo of Notice	D O4		
NOTICE OF INT	Propriate Box to III	dicate in				_
			REMEDIAL WOR		REPORT OF	-: ∋ CASING □
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRI	LLING OPNS.		
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AN	ND	ABANDON	IMENT —
OTHER: Complete Otero Chacra 8		<b>×</b>	OTHER:			
12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion					timated date completion	
or recompilation.						
BP America Production Company requests permission to enter the Chacra pool and commingle production down hole with the existing Dakota pool as per the attached procedure.						
The Basin Dakota (71599) & the Otero Chacra (82329) pools are Pre-Approved for Down hole Commingling per NMOCD ORDER						
NO. R-11363 effective 05/15/2000. Should the Working interest and Royalty interest owners between these two pools be different						
they will be notified of our intent by being supplied a copy of this application via certified mail return receipt requested.						
Production is proposed to be allocated based on the subtraction mothed units the surface LC and LC a						
Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Dakota Pool. That production shall serve as a base for production subtracted from the total production for the commingled well. The						
balance of the production will be attributed to the Chacra. Attached is the future production decline estimates for the Dakota.						
Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining						
nroduction						6
D HC 80	4A2					
I hereby certify that the information above is true and complete to the best of my knowledge and belief.						
SIGNATURE Churry Hlav	<u>a</u>	_TITLE_I	Regulatory_Analyst		DATE06/05	/02
Type or print name Cherry Hlava Telephone No. 281-366-4081						
(This space for State use)						
APPPROVE <b>DIATE STATE OF HAYDEN</b> TIPLETY OF 8 CAS 12 PETER, DET. 102002  Conditions of approval, if any:						
• • • • •						

## **GCU Well Work Procedure**

Well Name:

Crawford Gas Com B 1E

Date:

3/8/02 X5-xxxx

**SAP Number** 

Objective:

Recomplete in Chacra and downhole commingle with Dakota.

Pertinent Information:

Location:

Sec.24. T29N-R12W

County:

San Juan **New Mexico** 

State: Lease:

Meter No.

93178

Well Flac: 84203601 Horizon:

Dakota/Chacra 30-045-24011

API#: Engr: Phone:

John Papageorge W (281)366-5721

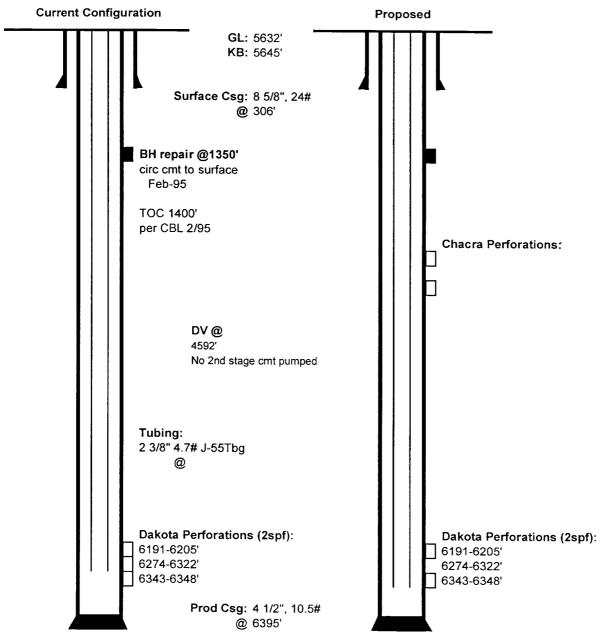
H (713)464-5053

- 1. Check anchors, MIRU.
- 2. Check and record tubing, casing and bradenhead pressures.
- 3. Blow down wellhead, kill if necessary with 2% KCL water.
- 4. Nipple down wellhead, nipple up and pressure test BOP.
- 5. Tag for fill. Tally out of hole and LD tubing. Replace as necessary.
- 6. RIH with bit and scraper. Clean out to PBTD.
- 7. Set CIBP via tubing at approximately 6000'. Load hole with 2%KCL and pressure test plug.
- Perforate the following interval with 2JSPF, 120 deg. phasing: Chacra xxxx-xx, xxxx-xx'. 8.
- RIH w/ packer on 2-7/8" buttress tubing frac string and set at approximately 1500'. RU frac 9. equipment and fracture stimulate down tubing according to schedule 'A'.
- Flow back frac load on 1/2" choke until well dies or stabilized flow rate is obtained. Release packer and POOH with frac string.
- RIH with bit and tubing. Clean out fill. If sand feed-in has stabilized, drill out CIBP for downhole commingle. Clean out to PBTD.
- 12. TIH with 2 3/8" production tbg. Land tubing across Dakota at approximately 6350'. RDMO.
- 13. Test well to pipeline.

## **Crawford Gas Com B 1E**

Wellbore Diagram

1520' FSL x 1520' FEL Sec. 24, T29N, R12W San Juan Co., NM



PBTD: 6369' TD: 6395' District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505 Revised August 15, 2000

Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code

AMENDED REPORT

Pool Name

API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name		
30-045-24011	82329 / 71599	Otero Chacra / Basin Dakota		
<sup>4</sup> Property Code	<sup>5</sup> Pr	pperty Name		
00572	Crawfor	d Gas Com B		
<sup>7</sup> OGRID No.		erator Name Selevation		
000778	BP America P	roduction Company 5632'		
	· · · · · · · · · · · · · · · · · · ·			

<sup>10</sup> Surface Location UL or lot no. Section Township Range Lot Idn Feet from the Feet from the North/South line East/West line County Unit J 24 29N 12W 1520' South 1520' East San Juan Bottom Hole Location If Different From Surface UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. 160 CH 320 DK

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-

	STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION				
16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature	
				Cherry Hlava	
		•	/520'	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  11/07/1979  Date of Survey	
		,520'		Signature and Seal of Professional Surveyor:  Fred B. Kerr Jr. 3950  Certificate Number	

Well Name Crawford Gas Com B 1E

API# 300452401100

**Basin Dakota** 

Date	Forecast - Mcf	DATE	Forecast - Mcf
1/1/2002	43	1/1/2006	28
2/1/2002	43	2/1/2006	27
3/1/2002	43	3/1/2006	27 ·
4/1/2002	42	4/1/2006	27
5/1/2002	42	5/1/2006	27
6/1/2002	41	6/1/2006	26
7/1/2002	41	7/1/2006	26
8/1/2002	41	8/1/2006	26
9/1/2002	40	9/1/2006	26
10/1/2002	40	10/1/2006	25 25
11/1/2002	39	11/1/2006	25 25
12/1/2002	39	12/1/2006	25 25
1/1/2003	39	1/1/2007	25 25
2/1/2003	38	2/1/2007	23 24
3/1/2003	38	3/1/2007	24
4/1/2003	38	4/1/2007	24 24
5/1/2003	37	5/1/2007	24 24
6/1/2003	37 37	6/1/2007	2 <del>4</del> 24
7/1/2003	37 37		
8/1/2003	36	7/1/2007 8/1/2007	23
9/1/2003	36	9/1/2007	23
10/1/2003	36		23
11/1/2003	35	10/1/2007	23
12/1/2003	35 35	11/1/2007	22
1/1/2003	35 35	12/1/2007	22
2/1/2004	34	1/1/2008	22
3/1/2004	34 34	2/1/2008	22
4/1/2004	34	3/1/2008	22
	33	4/1/2008	21
5/1/2004		5/1/2008	21
6/1/2004 7/1/2004	33 33	6/1/2008	21
8/1/2004	32	7/1/2008	21
9/1/2004	32 32	8/1/2008	21
10/1/2004	32 32	9/1/2008	20
11/1/2004	31	10/1/2008	20
12/1/2004	31	11/1/2008	20
1/1/2004		12/1/2008	20
2/1/2005	31 31		
3/1/2005 4/1/2005	30		
5/1/2005	30 30		
6/1/2005	30 29		
7/1/2005	29 30		
8/1/2005	29		
9/1/2005	29		
10/1/2005	28		
11/1/2005 12/1/2005	28 28		
12/1/2005	20		