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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



		ADMINISTRATIVE APPL	ICATION CHECKLIST	<u>#13</u>
1	THIS CHECKLIST IS M	IANDATORY FOR ALL ADMINISTRATIVE APPLICATION WHICH REQUIRE PROCESSING AT THE		D REGULATIONS
Appli	[DHC-Dow PC-Pd	s: ndard Location] [NSP-Non-Standard P nhole Commingling] [CTB-Lease Col ol Commingling] [OLS - Off-Lease S [WFX-Waterflood Expansion] [PMX- [SWD-Salt Water Disposal] [IPI	roration Unit] [SD-Simultaneous Dedic mmingling] [PLC-Pool/Lease Commi torage] [OLM-Off-Lease Measureme Pressure Maintenance Expansion] -Injection Pressure Increase]	cation] <i>NSP-19</i> ngling] nt]
	[EOR-Qua	lified Enhanced Oil Recovery Certifica	tion] [PPR-Positive Production Resp	oonse]
[1]	TYPE OF AI	PPLICATION - Check Those Which A Location - Spacing Unit - Simultaneous X NSL X NSP SD		>/1 AME
	Check [B]	One Only for [B] or [C] Commingling - Storage - Measuremen DHC CTB PLC		API No in our system
	[C]	Injection - Disposal - Pressure Increas  WFX PMX SWD		
	[D]	Other: Specify		
[2]	NOTIFICAT [A]	ION REQUIRED TO: - Check Those X Working, Royalty or Overriding		
	[B]	X Offset Operators, Leaseholders o	r Surface Owner	
	[C]	Application is One Which Requi	res Published Legal Notice	
	[D]	X Notification and/or Concurrent A U.S. Bureau of Land Management - Commissioner	approval by BLM or SLO of Public Lands, State Land Office	•
	[E]	X For all of the above, Proof of No	tification or Publication is Attached, and	d/or,
	[F]	☐ Waivers are Attached		
[3]		CURATE AND COMPLETE INFOR ATION INDICATED ABOVE.	RMATION REQUIRED TO PROCES	SS THE TYPE
	oval is <mark>accurate</mark> a	TION: I hereby certify that the information complete to the best of my knowledguired information and notifications are	ge. I also understand that <b>no action</b> will	
		: Statement must be completed by an individu	al with managerial and/or supervisory capacity	
	an Wood	1)-Wan	Consultant	12-5-12
Print	or Type Name	Signature	Title brian@permitswest.con	Date
			niigii@heiiiiigwegi.coii	ı

e-mail Address



REQUEST FOR ADMINISTRATIVE APPROVAL NON-STANDARD PRORATION UNITS & NON-STANDARD LOCATION BILL BARRETT CORPORATION'S

JICARILLA 2505-4 #13H

e ob

SHL: 1212' FSL & 176' FWL OF SECTION 3
PENETRATION POINT: 2310' FSL & 700' FEL OF SECTION 4

BHL: 2310' FWL & 700' FWL OF SECTION 4
ALL T. 25 N., R. 5 W. RIO ARRIBA COUNTY, NM
API 30-039-31139

I. The proposed oil well (see APD as Exhibit A) is on Jicarilla Apache Nation surface and Jicarilla Apache Nation oil and gas lease 146 (2,557.2 acres). The perforated portion of the well bore will be  $\geq$ 700' from the closest lease line (Exhibit B). The well is planned to produce from the Basin Mancos (97232), Lindrith Gallup-Dakota, West (39189), and Tapacito Gallup (Associated) (58090) pools.

The proposed location is non-standard for the Tapacito Gallup (Associated) pool. The perforated portion of the well bore will be 90' too far east and 460' too far north. A standard location would be no closer than 790' to the quarter section line. The perforated portion of the well bore will be 330' from the north line of the quarter section and 700' from the east line of the quarter section.

Bill Barrett Corporation (BBC) is requesting non-standard proration units for all three zones. BBC plans to dedicate the entire Section 4 (638.60 acres) to the well. Standard proration units are 320 acres for the Basin Mancos, 160 acres for the Lindrith Gallup-Dakota, West, and 80 acres for an oil well in the Tapacito Gallup (Associated).

BBC requests a nonstandard location and non-standard proration units in order to drill the well at an optimal location for all three formations and avoid waste. BBC based its location and dedication decision on 3-D seismic run by BBC earlier this year and the desire to minimize surface use and avoid interfering with other wells. There are 5 producing gas wells ranging in depth from 3,068' to 7,500' that are located 790' to 1,650' FSL in Section 4. These gas wells are producing from the Dakota, Fruitland, Chacra, Mesa Verde, and Pictured Cliffs formations. There are no wells in the S2N2 Section 4.

II. Three Forms C-102 showing the well and 638.60-acre pro-ration unit (all Section 4) are attached as Exhibit A.

Exhibit C shows the lease boundary (solid line) and proposed and existing Basin Mancos acreage dedications (dashed lines). There is only one existing Basin Mancos dedication that touches the proposed dedication. Distance from the closest proposed perforation to that existing dedication is 3,051' and to that existing well is 5,649'.

No existing Lindrith Gallup-Dakota, West dedications border or touch the proposed dedication. Closest existing Lindrith Gallup-Dakota, West dedication is 5,280' south (NW4 16-25n-5w). That acreage is dedicated to Elm Ridge's Jicarilla Apache F 10 (30-039-82339). That well is 8,870' from BBC's closest proposed perforation.

No existing Tapacito Gallup (Associated) dedications border or touch the proposed dedication. Closest existing Tapacito Gallup (Associated) dedication is Burlington's Jicarilla 153 12E (30-039-22420). That dedication (W2 35-26n-5w) is 5,280' east. That well is 7,915' northeast as measured from BBC's closest proposed perforation.

- III. The oil and gas lease (2,557.2 acres) boundary is marked as a solid line on the attached (EXHIBIT B) topographic map. The well encroaches to the east. The encroachment is part of the same lease. There is common ownership of the working interest in the section in which the well is located and Section 3 toward which the well encroaches. This information is current and correct.
- IV. Exhibit B shows the proposed well, proration unit, and all wells.
- V. Five existing gas wells, an arroyo, and a gas pipeline (see Exhibits B & D) prevent a standard location.
- VI. Archaeology is not an issue.
- VII. The SHL was planned to be staked at 1320 FSL & 270 FWL Section 3. However, an arroyo and a buried gas pipeline prevented that location. The revised location is split in two and shaped like a pentagon to avoid the arroyo and pipeline (see Exhibit D). The BHL was proposed for 1650 FSL & 330 FWL Section 4. The BHL was moved north to avoid interfering with 5 existing



producing gas wells, one of which is at 1650 FSL and two of which are at 1510 FSL. Well details are:

Operator	Well	API	4-25n-5w	TD	Pool
EnerVest	Jicarilla Contract 146 #2	30-039-06156	1650 FSL 1750 FEL	3068	Blanco P. C. South
EnerVest	Jicarilla Contract 146 #1	30-039-06154	1510 FSL 1820 FWL	7464	Basin Dakota & Blanco Mesa Verde
EnerVest	Jicarilla Contract 146 #12	30-039-06153	1510 FSL 1754 FWL	3875	Basin Fruitland Coal, Blanco P. C. South, & Otero Chacra
EnerVest	Jicarilla Contract 146 #11E	30-039-22520	980 FSL 1650 FEL	7500	Basin Dakota
EnerVest	Jicarilla Contract 146 #1	30-039-23721	790 FSL 1640 FEL	4035	Otero Chacra

VIII. BBC does not believe directional drilling to a standard location is cost effective for this well.

IX. I hereby certify that Bill Barrett Corporation and its partners have 100% of the working interest in the lease which comprises the proposed 638.60 acre spacing unit (Section 4) and the adjacent Section 3 of the side toward which it encroaches and that the information is current and correct.

I hereby attest that I, on or before the date that the application was submitted to the division, sent notification to the affected persons (see EXHIBIT E) by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the division receives the application. These affected persons have working or royalty interests in the sections that border the 638.60-acre spacing unit. Said notice was sent to:

Bureau of Indian Affairs
Bureau of Land Management



ConocoPhillips Company EnerVest Operating LLC Jicarilla Apache Nation XTO Energy, Inc.

Black	12-3-12
Brian Wood, Consultant	Date
STATE OF NEW MEXICO COUNTY OF SANTA FE	) ) SS: )
<u> </u>	vas acknowledged before me this 3rd day of od. Witness my hand and official seal.

My Commission Expires:

Business Address:

KATHRYN K. WOOD

NOTARY PUBLIC STATE OF NEW MEXICO

My Commission Expires:

My Commission Expires:

cc: OCD (Aztec & Santa Fe), Wert



OFFICIAL SEAL

DISTRICT J 1625 N. French Dr., Hobbs, N.M. 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

30-039-31139

<sup>4</sup> Property Code

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, N.M. 87505

97232

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

**BASIN MANCOS** 

☐ AMENDED REPORT

6 Well Number

13H

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>6</sup>Property Name
JICARILLA 2505-4

					DICANILLA	2000-4		Name and the same	1011
OGRID 1		*Operator Name BILL BARRETT CORPORATION UNDER OPERATING AGREEMENT							
WITH ENERVEST MESA, LLC & EV PROPERTIES, LP 6654								6654	
			14		10 Surface	Location		1-3	
L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	25 N	5 W		1212	SOUTH	176	WEST	RIO ARRIBA
			11 Botto	m Hole	Location 1	f Different F	rom Surface		
L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	e Feet from the	East/West line	County
L	4	25 N	5 W		2310	SOUTH	700	WEST	RIO ARRIBA
Dedicated Acre	es 18 Joint	or Infill 14	Consolidation	n Code 150	rder No.				* *
NO ALLOW	ABLE W						L INTERESTS DO BY THE DIV		CONSOLIDATE
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(CALC.) 1878 AINS (R)(1878) 1871 AINS (R)(1878) 1871	LOT 3 (39.64)	LOT 2 (39.66)	LOT 1 (39.69)	LOT 4 (39.69)	LOT 3   (39.66)	LOT 2   LOT (39.64)   (39.61)	voluntary pooli		compulsory pooling orde
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				121				est of my shipping	N MEXICA
S 800/./.		333.90' (			05'54" W 53	22.65' (CALC.)	Date of Surv	W -	100
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BOTTON NAD 83	.4281553 07.37159	° N 964° W	(R)	SURFA NAD 8 LAT: 3 LONG: NAD 2 LAT: 3	ACE 3 66.4253291° N 107.3553950	o° W	mm	T A	/ 1 0-1

Penetration Point 2310 FSL & 700 FEL DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

30-039-31139

Property Code

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

LINDRITH GALLUP-DAKOTA, WEST

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

6 Well Number

13H

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>6</sup>Property Name
JICARILLA 2505-4

39189

OGRID No	).	La laren in		14	*Operato		Same William	<sup>9</sup> Elevation		
287508	3		ARRETT WITH EN			6654				
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
M	3	25 N	5 W		1212	SOUTH	176	WES	T	RIO ARRIBA
			11 Botto	om Hole	Location	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
L	4	25 N	5 W		2310	SOUTH	700	WES	T	RIO ARRIBA
Dedicated Acres	13 Joint	or Infill 14	Consolidation	n Code 15 C	rder No.					
NO ALLOWA	BLE W					ION UNTIL ALL EEN APPROVEI			EEN	CONSOLIDATED
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Penetration Point 2310 FSL & 700 FEL

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
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DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

30-039-31139

<sup>4</sup> Property Code

State of New Mexico Energy, Minerals & Natural Resources Department

> OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, N.M. 87505

58090

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

TAPACITO GALLUP (ASSOCIATED)

☐ AMENDED REPORT

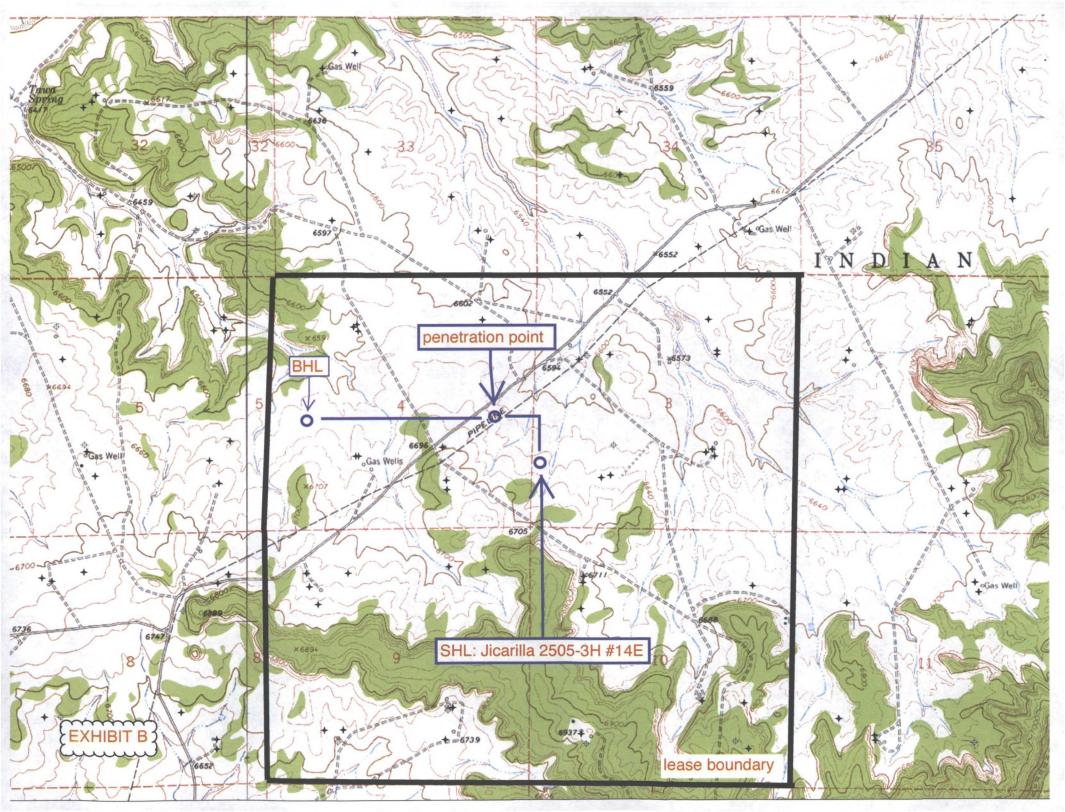
Well Number

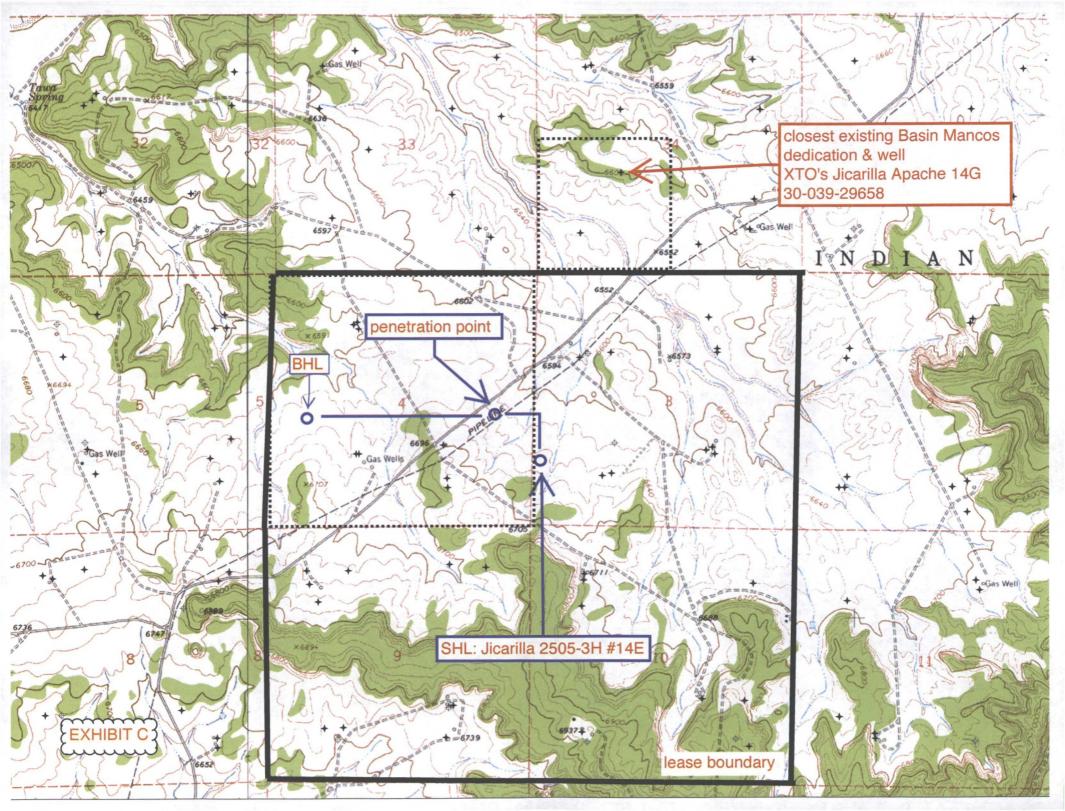
## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>6</sup>Property Name

*Property C	ode			JICARILLA 2505-4							
OGRID N	lo.	200		7.3%		<sup>9</sup> Elevation					
28750	8	BILL BARRETT CORPORATION UNDER OPERATING AGREEMENT WITH ENERVEST MESA, LLC & EV PROPERTIES, LP						IENT	6654		
					10 Surface	Location					
JL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
М	3	25 N	5 W	- 55	1212	SOUTH	176	WEST	RIO ARRIBA		
			11 Bott	om Hole	Location I	f Different Fro	om Surface				
L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
L	4	25 N	5 W	-	2310	SOUTH	700	WEST	RIO ARRIBA		
Dedicated Acre	s 15 Joint	or Infill 14	Consolidatio	n Code 150	rder No.						
638.60											
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							well at this loca	ition pursuant to a	contract with an		
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Penetration Point 2310 FSL & 700 FEL









December 3, 2012

Dixon Sandoval Oil & Gas Administration Jicarilla Abache Nation P. O. Box 146 Dulce, NM-87528

Dear Dixon,

As required by New Mexico Oil Conservation Division (NMOCD) Rules, I am notifying you of the following non-standard location (NSL) and non-standard proration units (NSP) for a well. This letter is a notice only. No action is needed unless you have questions or objections. The NSL and NSP are due to wells, pipeline, and an arroyo.

Bill Barrett Corporation is applying to drill a Tapacito Gallup oil well. The minimum NMOCD distance for this type well is 7.90' from a quarter section line. The well is 460' further north and 90' further east than is standard (see attachment). Thus, it is a nonstandard location.

Well Name: Jicarilla 2505-4 #13H Penetration Point: 2310 FSL & 700 FEL 4-25n-5w Proposed NSL Zone: Tapacito Gallup Associated (Oil) SHL: 2310 FSL & 176 FWL 3-25n-5w BHL: 2310 FSL & 700 FWL 4-25n-5w TVD: 6,465' MD: 11,482'

NSL Acreage Dedication: 638.6 acres (Section 4, T. 25 N., R. 5 W., Rio Arriba County, NM licarilla Apache Nation lease 146 (well is >700' from the closest lease boundary)

Proposed NSP Acreage Dedications: all of Section 4, T. 25 N., R. 5 W. (= 638.60 acres) in the Basin Mancos, Lindrith Gallup-Dakota, West, and Tapacito Gallup Associated pools

Approximate Location: ≈17 air miles northeast of Counselor, NM Applicant Name: Bill Barrett Corporation (303) 312-8166

Applicant's Address: 1099 18th Street, Suite 2300, Denver, CO 80202

Submittal Information: Application for a nonstandard location and nonstandard proration units will be filed with the NMOCD. If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD receives the application. NMOCD address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

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U.S. Postal 9				15
GESTURIE				
(Domestic Mail C	nly, No li	isumince C	overage Pr	ovided)
For delivery inform	ation Visit	our website	at www.usps	com <sub>e</sub>
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City, State, ZIP+4		**********	*********	

Sincerely Brian Wood





December 3, 2012

Kurt Sandoval & Marlena Reval Bureau of Indian Affairs P. O. Box 167 Dulce, NM 87528

Dear Marlena & Kurt

As required by New Mexico Oil Conservation Division (NMOCD) Rules, I am notifying you of the following non-standard location (NSL) and non-standard proration units (NSP) for a well, This letter is a notice only. No action is needed unless you have questions or objections. The NSL and NSP are due to wells, pipeline, and an arroyo.

Bill Barrett Corporation is applying to drill a Tapacito Gallup oil well. The minimum NMOCD distance for this type well is 790' from a quarter section line. The well is 460' further north and 90' further east than is standard (see attachment). Thus, it is a nonstandard location.

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Penetration Point: 2310 FSL & 700 FEL 4-25n-5w Proposed NSL Zone: Tapacito Gallup Associated (Oil) SHL: 2310 FSL & 176 FWL 3-25n-5w BHL: 2310 FSL & 700 FWL 4-25n-5w TVD: 6,465' MD: 11,482'

NSL Acreage Dedication: 638.6 acres (Section 4, T. 25 N., R. 5 W., Rio Arriba County, NM

Jicarilla Apache Nation lease 146 (well is ≥700' from the closest lease boundary)

Proposed NSP Acreage Dedications; all of Section 4, T. 25 N., R. 5 W. (= 638.60 acres) in the Basin Mancos, Lindrith Gallup-Dakota, West, and Tapacito Gallup Associated pools

Approximate Location: ≈17 air miles northeast of Counselor, NM

Applicant Name: Bill Barrett Corporation (303) 312-8166

Applicant's Address: 1099 18th Street, Suite 2300, Denver, CO 80202

Submittal Information: Application for a nonstandard location and nonstandard proration units will be filed with the NMOCD: If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD resides, the application, NMOCD address is 1220 South St. one number is (505) 476-3440.



Brian Wood



December 3, 2012

Bureau of Land Management 6251 College Blvd. Farmington, NM 87402

As required by New Mexico Oil Conservation Division (NMOCD) Rules, I am notifying you of the following non-standard location (NSL) and non-standard proration units (NSP) for a well. This letter is a notice only. No action is needed unless you have questions or objections. The NSL and NSP are due to wells, pipeline, and an arroyo.

Bill Barrett Corporation is applying to drill a Tapacito Gallup oil well. The minimum NMOCD distance for this type well is 790' from a quarter section line. The well is 460' further north and 90! further east than is standard (see attachment). Thus, it is a nonstandard location.

Well Name: Jicarilla 2505-4 #13H

Penetration Point: 2310 FSL & 700 FEL 4-25n-5w

Proposed NSL Zone: Tapacito Gallup Associated (Oil)

SHL: 2310 FSL & 176 FWL 3-25n-5w BHL: 2310 FSL & 700 FWL 4-25n-5w

TVD: 6,465' MD: 11,482'

NSL Acreage Dedication: 638.6 acres (Section 4, T. 25 N., R., 5 W., Rio Arriba County, NM

Jicarilla Apache Nation lease 146 (well is ≥700' from the closest lease boundary)

Proposed NSP Acreage Dedications: all of Section 4, T. 25 N., R. 5 W. (= 638.60 acres) in the

Basin Mancos, Lindrith Gallup-Dakota, West, and Tapacito Gallup Associated pools

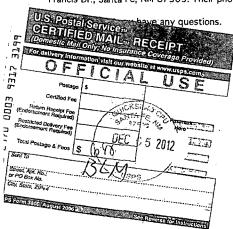
Approximate Location: ≈17 air miles northeast of Counselor, NM

Applicant Name: Bill Barrett Corporation

(303) 312-8166

Applicant's Address: 1099 18th Street, Suite 2300, Denver, CO 80202

Submittal Information: Application for a nonstandard location and nonstandard proration units will be filed with the NMOCD. If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD receives the application. NMOCD address is 1220 South St. Francis Dr., Santa Fe. NM 87505. Their phone number is (505) 476-3440.



Sincerely

Brian Wood



December 3, 2012

ConocoPhillips Company 3401 E. 30th St., Farmington, NM 87402

As required by New Mexico Oil Conservation Division (NMOCD) Rules, I am notifying you of the following non-standard location (NSL) and non-standard proration units (NSP) for a well. This letter is a notice only. No action is needed unless you have questions or objections. The NSL and NSP are due to wells, pipeline, and an arroyo.

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Please call me if you have any questions.

Sincerely,

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December 3, 2012

Malia Villers XTO Energy Inc. 382 Road 3100 Aztec, NM 87410

Dear Malia,

As required by New Mexico Oil Conservation Division (NMOCD) Rules, I am notifying you of the following non-standard location (NSL) and non-standard proration units (NSP) for a well. This letter is a notice only. No action is needed unless you have questions or objections. The NSL and NSP are due to wells, pipeline, and an arroyo.

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hone number is (505) 476-3440.

GERMFIED MAIL-RECEIP Control Fe Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Received) Sent To

Sincerely

Brian, Wood



December 3, 2012

Peter Tower EnerVest Operating LLC 1001 Fannin St., Suite 800 Houston, TX 77002-6707

Dear Peter,

As required by New Mexico Oil Conservation Division (NMOCD) Rules, I am notifying you of the following non-standard location (NSL) and non-standard proration units (NSP) for a well. This letter is a notice only. No action is needed unless you have questions or objections. The NSL and NSP are due to wells, pipeline, and an arroyo.

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Please call me if you have any questions.

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Sincerely

**Brian Wood** 

From:

Brooks, David K., EMNRD

Sent:

Tuesday, December 11, 2012 6:05 PM

То:

Hoppe, William, EMNRD

Subject:

RE: Barrett NSL and NSP

Bill

I believe you are right. Per Conoco Phillips map, Tapacito includes all of 35-26N-5W, and is therefore within 2 miles of this location. Since Tapacito can be expanded, this is in Tapacito, not Basin Mancos. If it tests oil, the appropriate unit would be 80 acres. They can designate a project area consisting of two lay down, or four stand up 80s. Either would be standard; so no NSP would be required, but I cannot see that a case is made of a 640 acre unit as requested. If it tests gas, they it would be 320 acre unit and maybe they can do a 640 project area comprising two stand up 320s. But if that is ok, and I believe we are committed to approving it, it would not require an NSP.

David

From: Hoppe, William, EMNRD

Sent: Tuesday, December 11, 2012 7:55 AM

**To:** Brooks, David K., EMNRD **Subject:** RE: Barrett NSL and NSP

David,

The Conoco map should suffice. The Lindrith pool is frozen. Tapacito can expand by two miles due to the Basin Mancos rule. Thus this well I believe should be in Tapacito (790 feet setbacks).

How hard would it be for them to form a unit that includes sections 3,4,9,10 of a single lease? Just wondering. We will be a meeting most of today.

Bill

From: Brooks, David K., EMNRD

Sent: Monday, December 10, 2012 4:51 PM

To: Hoppe, William, EMNRD

Subject: RE: Barrett NSL and NSP

Good afternoon, Bill

The plat submitted with this application does not show pool boundaries – at least I cannot see that it does. But I have ConocoPhillips' map and can probably figure it out.

If I need something I do not have, I will let everyone know.

David

From: Hoppe, William, EMNRD

Sent: Monday, December 10, 2012 8:44 AM

To: Brooks, David K., EMNRD; Perrin, Charlie, EMNRD

Subject: Barrett NSL and NSP

David and Charlie,

Barrett has submitted an application for approval of NSL and NSD for the

Jicarilla 2505-4 #13H 30-039-31139 Horizontal well

I noticed that the Lindrith Gallup –Dakota West pool was included in the application. By virtue of this pool not being listed in order R-12984 and thus being frozen does it need to be in this paperwork?

Thanks,

Bill

From:

Brooks, David K., EMNRD

Sent:

Friday, December 07, 2012 2:38 PM

To:

brian@permitswest.com

Subject:

Bill Barrett Corporation; Jicarilla 2505-4 #13h

Dear Mr. Wood

This recently received NSL application states the API No. for the well as 30-039-31139. There is no such API in our system.

Sincerely

David K. Brooks

From:

Vermersch, Amy H, EMNRD

Sent:

Tuesday, December 11, 2012 3:20 PM

To:

Brooks, David K., EMNRD

Cc:

Brian Wood (brian@permitswest.com); Hoppe, William, EMNRD

Subject:

RE: Barrett's Jicarilla 2505-4 #13H API #?

There is no API # in our system yet as the APD has not been approved. As soon as the APD is approved and entered into our system you will be able to see it online. The number has already been generated and is correct for this well.

## Thanks, Amy

Amy H. Vermersch

Data Compliance Manager

Oil Conservation Division

Office: 505-334-6178 Ext 113

Fax: 505-334-6170



From: Hoppe, William, EMNRD

Sent: Tuesday, December 11, 2012 3:14 PM

To: Vermersch, Amy H, EMNRD

Subject: FW: Barrett's Jicarilla 2505-4 #13H API #?

From: Brian Wood [mailto:brian@permitswest.com]

Sent: Tuesday, December 11, 2012 11:51 AM

To: Hoppe, William, EMNRD

Subject: Barrett's Jicarilla 2505-4 #13H API #?

Barrett received this API number from BLM.

What is the correct API #?

Thanks

Begin forwarded message:

From: "Brooks, David K., EMNRD" < david.brooks@state.nm.us>

Subject: Bill Barrett Corporation; Jicarilla 2505-4 #13h

Date: December 7, 2012 2:37:50 PM MST

To: "brian@permitswest.com" <bri>brian@permitswest.com>

Dear Mr. Wood

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Sincerely

David K. Brooks

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Hoppe, William, EMNRD

Sent:

Tuesday, December 11, 2012 7:55 AM

To:

Brooks, David K., EMNRD

**Subject:** 

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Thanks,

Bill



## RECEIVED OCD

2012 DEC 14 A 11: 34

Mr. David Brooks, New Mexico Oil Conservation Division 1220 S. St. Francis Drive, Santa Fe, NM 87505

Dear Mr. Brooks:

This letter is being written to you on behalf of EnerVest Operating LLC, who is the Lessee and Operator of several hundred wells on the Jicarilla Apache Nation in Rio Arriba County, New Mexico. EnerVest has an excellent relationship with the Jicarilla Apache Nation and always endeavors to maintain that relationship.

Recently, EnerVest has entered into a Joint Venture Agreement with Bill Barrett Corporation under which we will jointly develop the Mancos formation on certain leases within the Nation. This has been endorsed by the Council of the Jicarilla Apache Nation, and they are very much in favor of commencing the first horizontal well on the Nation in the Mancos Formation. All approvals have been obtained from the Nation, The BIA and the BLM, and we are waiting on approval from the NMOCD to complete our permitting applications. Four wells have been applied for.

The leases upon which these wells are located is the Jicarilla Apache Nation leases 146 and 147. EnerVest Operating LLC is the operator of the existing vertical wells on these leases, and is the owner of 95% of the Operating Rights under the entirety of these leases together with the Jicarilla Apache Nation, who owns 5% of the Operating Rights. EnerVest and the Nation also have producing Vertical Mancos formation (Gallup) wells that are producing on these leases.

The purpose of this letter is to state that EnerVest has no objection to the approval of an application of Bill Barrett Corporation to drill Mancos wells on these leases that come within safe distances of existing wellbores, notwithstanding the fact that we have existing vertical wells that produce from the Mancos formation. The Oil and Gas Division of the sovereign Jicarilla Apache Nation has also endorsed these wells, and evidence of same can be seen from their approval on the Application for Permit to Drill, submitted to your offices by Bill Barrett Corporation, which same application has been approved by the BIA and the BLM. In addition to this, the Nation has stated to us that they are desirous of these wells being drilled as soon as possible.

We are aware of the differing existing spacing orders that exist for this area, as is also the Nation. Nevertheless, we endorse an exemption applicable to these two leases and this situation only, which would allow the drilling of these wells under the Applications for Permit to Drill, which have been approved by the Nation, the BIA and the BLM.

If you have any questions, please do not hesitate to phone me at (713) 495-5300 and I will be happy to come forth with any information you may require to aid you in this process.

J. Peter Tower

Director, San Juan/Permian -Land

ptower@enervest.net

(713) 495-5300

bcc:

Mr. David Hoppe, 1000 Rio Brazos Road

Aztec, New Mexico 87410

Dixon Sandoval, Director, Oil and Gas Division, Jicarilla Apache Nation

Brian Wert, Bill Barrett Corporation, Denver Colorado

Jim Lovato, BLM, Farmington, New Mexico Kurt Sandoval, BIA, Dulce, New Mexico Brian Wood, Permits West, Santa Fe

From: Brian Wood <brian@permitswest.com>

Sent: Monday, December 17, 2012 11:28 AM

To: Hoppe, William, EMNRD
Cc: Brooks, David K., EMNRD

**Subject:** Barrett's Jicarilla 2505-3H 14E Sundry

Attachments: Jicarilla 2505-4 #13H.pdf

This is now the Jicarilla 2505-4 #13H.

This is the well for which we have filed an NSL NSP application.

# RECEIVED

Form 3160-5 (March 2012)

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

NOV 15 2012

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014

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1. Type of Well						
Oil Well Gas W	ell Other			8. Well Name and No. JICARILLA 2505-3H	114E	
2. Name of Operator Bill Barrett Corporation				9. API Well No. 30-039-31139		
Ja. Address 1099 18th Street, Suite 2300 Denver, CO 80202		3b. Phone No.	(include area coa	le)	10. Field and Pool or E	•
		303-312-8172	!		Lindrith Gallup-Dako	ota, West
4. Location of Well (Footage, Sec., T.,I SWSW 1212' FSL and 176' FWL, Sec. 3, T25N NWSW 2310' FSL and 380' FWL, Sec. 4, T25N	R., M., or Survey Description R5W (Surface) R5W (Blm Hole)	)		_	11. County or Parish, S Rio Arriba County, N	
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO IND	ICATE NATURE	OF NOTIC	CE, REPORT OR OTHI	ER DATA
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Final Abandonment Notice	Convert to Injection	Plug I	Back	Wate	r Disposal	
testing has been completed. Final, determined that the site is ready for BBC hereby requests to revise the value of the bottom hole location is being respection 4, T25N-R5W, 640 acres.  Approved Well Name: Jicarilla 2505-Revised Well Name: Jica	final inspection.)  vell name, bottom hole an  vised to comply with the E  5-3H 14E	ıd also add a pi	lot hole to this k	ocation.		
Approved Bottom Hole: NW SW 23 Revised Bottom Hole: NW SW 231	10' FSL and 380' FWL, S					7
Please see revised plats, drilling pro	ogram and directional plar	ı attached.		ACTIO	n does not relie	EPTANCE OF THIS EVE THE LESSEE AND
CONDITIONS OF	APPROVAL			AUTEK	ilated most sot. Hugge nostaxiex	LED FOR OPERATIONS
Adhere to previously issu	red stipulations			on te	deral and indian	LANDS
14. I hereby certify that the foregoing is t Venessa Langmacher	rue and correct. Name (Printe	ed/Typed)				
			Title Senior P	ermit Anal	/st	
Signature Vellue	inomarkey		Date: 11/13/20	)12		
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OF	FICE USE	
Approved by						
Troy L Salvers			Title Pe	roleum	Engineer	Date 12 13 2012

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.

FFO

(Instructions on page 2)

entitle the applicant to conduct operations thereon.

UPERATOR

that the applicant holds legal or equitable title to those rights in the subject lease which would

DISTRICT J
1625 N. French Dr., Hobbs, N.M. 68240
Phone: (578) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, N.M. 89210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-8178 Fax: (505) 334-8170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87606
Phone: (505) 476-3460 Fax: (505) 476-3462

Programme Company

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

NOV 15 2012 Revised August 1, 2011
NOV 15 Submit one copy to appropriate
District Office

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Farmington Field Office Santa Fe, N.M. 87505 Bureau of Land Managemen.

M AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 30-039-31139 Well Number Property Code Property Name JICARILLA 2505-4 13H OGRID No. Operator Name Elevation BILL BARRETT CORPORATION UNDER OPERATING AGREEMENT WITH ENERVEST MESA, LLC & EV PROPERTIES, LP 6654

<sup>10</sup> Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County M 3 25 N 5 W 1212 SOUTH **WEST** RIO ARRIBA 176 11 Bottom Hole Location If Different From Surface UL or lot no. Lot Idn Feet from the Section Township Range North/South line Feet from the East/West line County 5 W 25 N 2310 SOUTH 700 WEST RIO ARRIBA 13 Joint or Infill 14 Consolidation Code Dedicated Acres BOrder No.

NO ALLOWAB							ITERESTS HAVE BEEN CONSOLIDATED BY THE DIVISION
• = BOT	FACE LOCATION TOM HOLE LOC ND STONE MO	ON CATION		P. SECTI	ON CORN	ER	17 OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an
	r 3 LOT 2 (64) (39.66)	S' (CALC.) (69'88)   INS (R)	LOT 4 (39.69)	LOT 3 (39.66)	LOT 2 (39.84)	LOT 1 (39.61)	owner of such a mineral or working interest, or to a workindary pooling agreement or a compulsory pooling order heretofore entered by the division.    Out of the fundamental   11-13-12   Signature Date
28 8.	SECTION 4	.32" E 5144.23 TH 79.85 CHA	.9/	SECT	ION 3		Printed Name  Vlanamacher Didbarrettorp com  B-mail Xddress  18 SURVEYOR CERTIFICATION
91 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- W 5533.90°	N 2°29'32 NORTH	1212.	       5'54" W 5	322 65'	(CALC.)	I hereby certify that the well location shown on this plat was plotted from field notes of activation and by me or under my supervision, and tribute the correct to the best of my being MEX.
WEST BOTTOM H NAD 85 LAT: 36.42 LONG: 107 NAD 27 LAT: 36.42	79.86 CHAINS OLE 181553° N 3715964° W 181442° N 3709946° W		SURFAC NAD 83 LAT: 36 LONG: 1 NAD 27 LAT: 36 LONG:	EST 79.90 <u>CE</u> 5.4253291° 107.35539	CHAINS 50° W N 36° W		Date of Survey Signature and Seal of Pariserional Surveyor:  The Continue of Surveyor of S

From:

Brooks, David K., EMNRD

Sent:

Tuesday, December 18, 2012 11:26 AM

To:

brian@permitswest.com

Cc:

Hoppe, William, EMNRD

Subject:

Bill Barrett Corporation - Jicarilla 2505-4 #13H; NSL Application

Dear Mr. Wood

As you have been, or will be, informed by our Aztec District Office, OCD has determined that this proposed well will be placed in the Tapacito Gallup Associated Pool, where the standard oil unit is 80 acres.

Because the unit size is 80 acres, and the well does not penetrate any part of the N/2 of Section4, you cannot assign a 640-acre project area to this well. The Aztec office will request that you file a new

C-102 designating a different project area. For the purpose of processing your NSL request, unless otherwise advised, I will assume you will designate a 320-acre project area comprising four stand-up 80-acres units.

Since the N/2 of Section 4 cannot be included in the project area, the proposed location will encroach to the North, as well as to the east and west. If there are any additional owners in the N/2 of Section 4 that have not already been notified of this NSL application, you will need to notify them and furnish a supplemental proof of notice. If there are not, please so advise us.

Sincerely

David K. Brooks

From:

Brian Wood <bri>
<br/>
d permitswest.com>

Sent:

Wednesday, December 19, 2012 2:54 PM

To:

Brooks, David K., EMNRD

Cc:

Hoppe, William, EMNRD; Brian Wert

Subject:

Re: Bill Barrett Corporation - Jicarilla 2505-4 #13H; NSL Application

**Attachments:** 

APD & C-102 package.PDF

Attached are the revised forms requested by Bill.

Barrett has confirmed that there are no additional owners in the N2 Sec. 4.

On Dec 18, 2012, at 11:26 AM, Brooks, David K., EMNRD wrote:

Dear Mr. Wood

As you have been, or will be, informed by our Aztec District Office, OCD has determined that this proposed well will be placed in the Tapacito Gallup Associated Pool, where the standard oil unit is 80 acres.

Because the unit size is 80 acres, and the well does not penetrate any part of the N/2 of Section4, you cannot assign a 640-acre project area to this well. The Aztec office will request that you file a new

C-102 designating a different project area. For the purpose of processing your NSL request, unless otherwise advised, I will assume you will designate a 320-acre project area comprising four stand-up 80-acres units.

Since the N/2 of Section 4 cannot be included in the project area, the proposed location will encroach to the North, as we'll as to the east and west. If there are any additional owners in the N/2 of Section 4 that have not already been notified of this NSL application, you will need to notify them and furnish a supplemental proof of notice. If there are not, please so advise us.

Sincerely

David K. Brooks

FORM APPROVED Form 3160 - 3 (August 2007) OMB No. 1004-0137 Expires July 31, 2010 UNITED STATES 5. Lease Serial No. DEPARTMENT OF THE INTERIOR JIC 146 BUREAU OF LAND MANAGEMENT 6. If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER JICARILLA APACHE NATION 7 If Unit or CA Agreement, Name and No. **V** DRILL REENTER la. Type of work: 8. Lease Name and Well No. lb. Type of Well: ✓ Oil Well Gas Well Other Single Zone Multiple Zone JICARILLA 2505-4 13H Name of Operator BILL BARRETT CORPORATION under operating agreement with 9. API Well No. Enervest Mesa, LLC and EV Properties, LP 30-039-31139 3a. Address 1099 18th ST., SUITE 2300 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 303 312 8172 **DENVER, C0 80202** TAPACITO GALLUP (ASSOCIATED) 4. Location of Well (Report location clearly and in accordance with any State requirements.\*) 11. Sec., T. R. M. or Blk, and Survey or Area At surface 1212' FSL & 176' FWL 3-25N-5W SHL: SWSW (M) 3-25N-5W NMPM BHL: NWSW (L) 4-25N-5W NMPM At proposed prod. zone 2310' FSL & 380' FWL 4-25N-5W 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office\* **RIO ARRIBA** 17 AIR MILES NE OF COUNSELOR, NM NM 15. Distance from proposed\* 380' (at closest perf & at BHL) 16. No. of acres in lease 2.557.20 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) S2 4-25n-5w (= 320 acres) 18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. 1306' (Jicarilla 146 21R, applied for, on this lease, ft. 20. BLM/BIA Bond No. on file 19. Proposed Depth 6,465' TVD BIA nationwide LPM4138175 11,482' MD 22. Approximate date work will start\* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 23. Estimated duration 7 WEEKS 6,654' GL 01/15/2013 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification 5 SUPO must be filed with the appropriate Forest Service Of Noe). Such other site specific information and/or plans as may be required by the 25. Signature Name (Printed Typed) **BRIAN WOOD** 12/19/2012 (505 466-8120) Title

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Name (Printed/Typed)

(FAX 505 466-9682)

Conditions of approval, if any, are attached.

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.

(Continued on page 2)

CONSULTANT

Approved by (Signature)

Title

\*(Instructions on page 2)

Date

DISTRICT J 1625 N. French Dr., Hobbs, N.M. 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

30-039-31139

Property Code

OGRID No.

287508

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, N.M. 87505

58090

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

TAPACITO GALLUP (ASSOCIATED)

X AMENDED REPORT

4 Well Number

13H

Elevation

6654

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>6</sup>Property Name
JICARILLA 2505-4

Operator Name

BILL BARRETT CORPORATION UNDER OPERATING AGREEMENT

WITH ENERVEST MESA, LLC & EV PROPERTIES, LP

					10 Surface	Location	•				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/Sout		Feet from the	East/West line	County	
M	3	25 N	5 W		1212	SOUT	<u>H</u>	176	WEST	RIO ARRIBA	
11 Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/Sout	h line	Feet from the	East/West line	County	
L	4	25 N	5 W		2310	SOUT	<sup>-</sup> H	700	WEST	RIO ARRIBA	
Dedicated Acre											
80×4= 320											
NO ALLOW.	ABLE W									CONSOLIDATED	
y~~~	,····	OR A N	ION-STA	NDARD (	JNIT HAS E	EEN APPR	OVED	BY THE DIV			
16 LEGEND:									17 OPERATOR CERTIFICATION		
O = SURFACE LOCATION  ■ = BOTTOM HOLE LOCATION								true and compl	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief,		
⊕ = FOUND STONE MOUND □ = S.P. SECTION CORNER									and that this organization either owns a working interest or unleased minoral interest in the land including the		
								1 11 * *	proposed bottom hele location or has a right to drill this well at this location pursuant to a contract with an		
LOT 4 (39.61)	LOT 3	LOT 2	LOT 1	LOT 4	LOT 3	LOT 2	LOT 1		a mineral or workin wa agreement or a c	g interest, or to a ompulsory pooling order	
<b>『</b> C 医	(39.64)	(39.66)	(39.69)	(39.69)	(39.66)	(39.64)	(39.61)		ed by the division		
CCAL CCAL			   ALC   B) C			!		11.7	la V	12-19-12	
2°39'50" 1.59" (CA 1.00RTH 10 CHAIN!								; 500m			
2°3 1.59 N N N 0 0	23. 1AIX							Signature BRIAN WOOD Date			
5218 79.8	SECTI	ON A		SECTION 3				Printed "	Printed brian@permitswest.com		
						SECTION 3			E-mail Address		
700'											
				- 2				18 SUR	18 SURVEYOR CERTIFICATION		
			2°29	<u> </u>	+			I hereby certify	that the well location field motes of acts	on shown on this plat val surveys made by me	
231	1		z	2 4				or under my su	pervision, and that	that the rate and	
			1	121				Correct to the b	that the well location field notes of acts pervision, and that ist of my things	MEDICE	
S 89°44'23" W 5333.90' (CALQ.) N 88°05'54" W 5322.65' (CALC.)								<del>-</del>	//2/ //65	· _ '/O\	
WES	T 79.86	CHAINS (		WEST 79.90 CHAINS (R)				1 41	Date of Survey  Signature and Seal of Transaction 148310:		
BOTTOM NAD 83	HOLE			SURFACE NAD 83				Significate and	Seat 1 Est less and		
LAT: 36.4281553° N				LAT: 36.4253291° N					Total Contraction	15/	
LONG: 107.3715964° W NAD 27				LONG: 107.3553950° W NAD 27					PRO	OFESSIONAL DESIGNATION OF THE PROPERTY OF THE	
LAT: 36.4281442° N				LAT: 36.4253179° N					, <i>&gt;</i>		
LONG: 107.3709946° W				LONG: 107.3547936° W				1983		11	
LAT: 36°25'41.319" N LONG: 107°22'15.581" W				LAT: 36°25'31.144" N LONG: 107°21'17,257" W				Certificate Nu	mbel //	5-242	
									<u> </u>		

Penetration Point 2310 FSL & 700 FEL