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Brian Wood	Sward	Consultant	12-5-12
Print or Type Name	Signature	Title	Date
		brian@permitswest	.com
		e-mail Address	



37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

# REQUEST FOR ADMINISTRATIVE APPROVAL NON-STANDARD PRORATION UNITS & NON-STANDARD LOCATION BILL BARRETT CORPORATION'S JICARILLA 2505-4 #13H 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.

Brian Wood, Consultant

Date

12-3-12

STATE OF NEW MEXICO

COUNTY OF SANTA FE

The foregoing instrument was acknowledged before me this 3rd day of December, 2012 by Brian Wood. Witness my hand and official seal.

Notary Public

My Commission Expires: **Business Address:** 

OFFICIAL SEAL KATHRYN K. WOOD NOTARY PUBLIC My Commission Expires:

cc: OCD (Aztec & Santa Fe), Wert



) SS: )

)

DISTRICT I

District 1 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

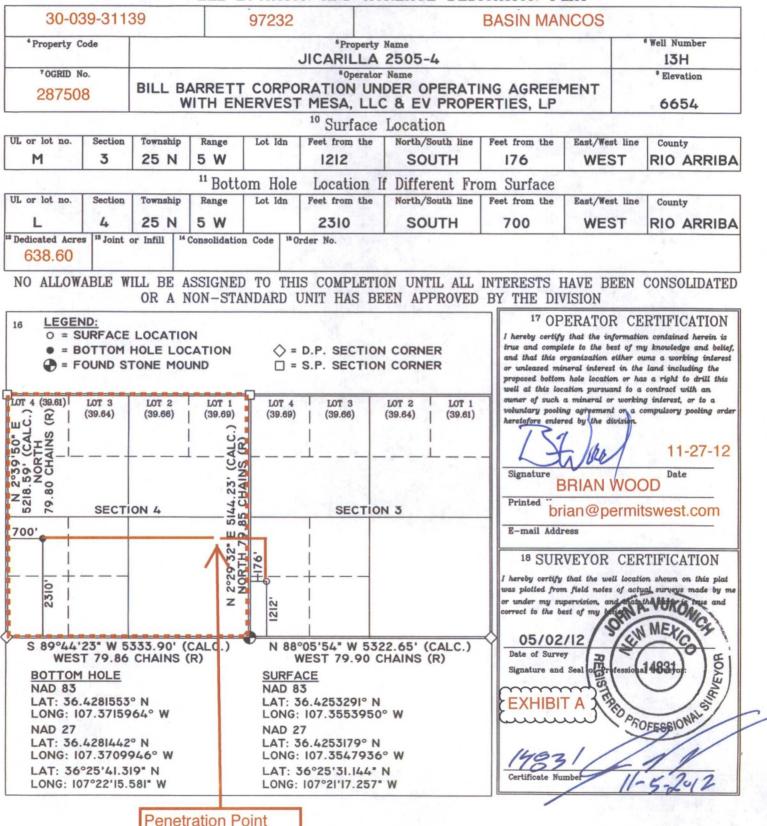
Phone: (505) 334-6176 Fax: (505) 334-6170 <u>DISTRICT IV</u> 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico Energy, Minerals & Natural Resources Department

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

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

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT



2310 FSL & 700 FEL

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

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

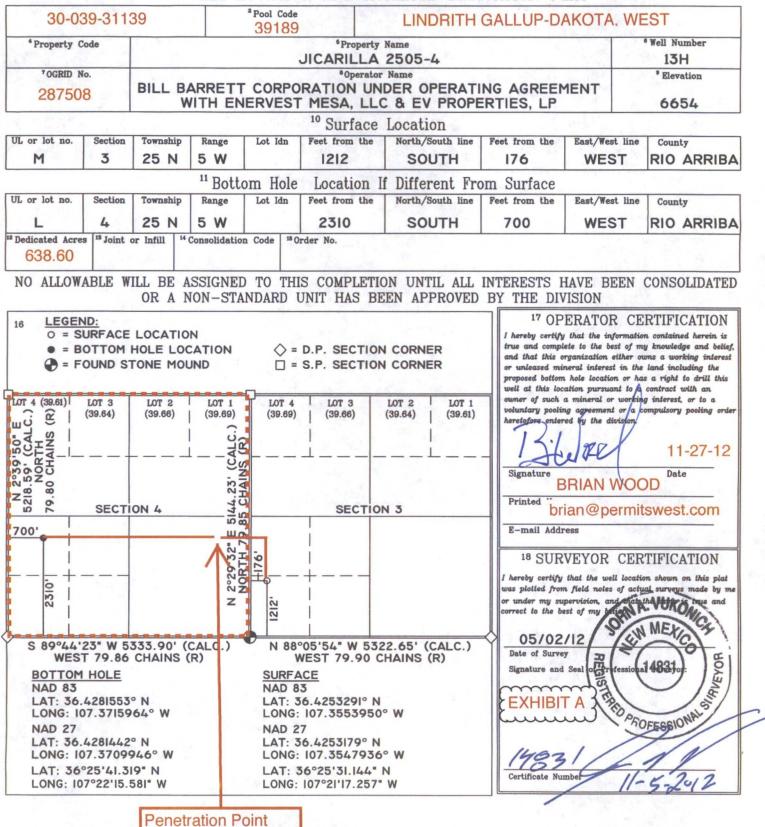
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□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT



2310 FSL & 700 FEL

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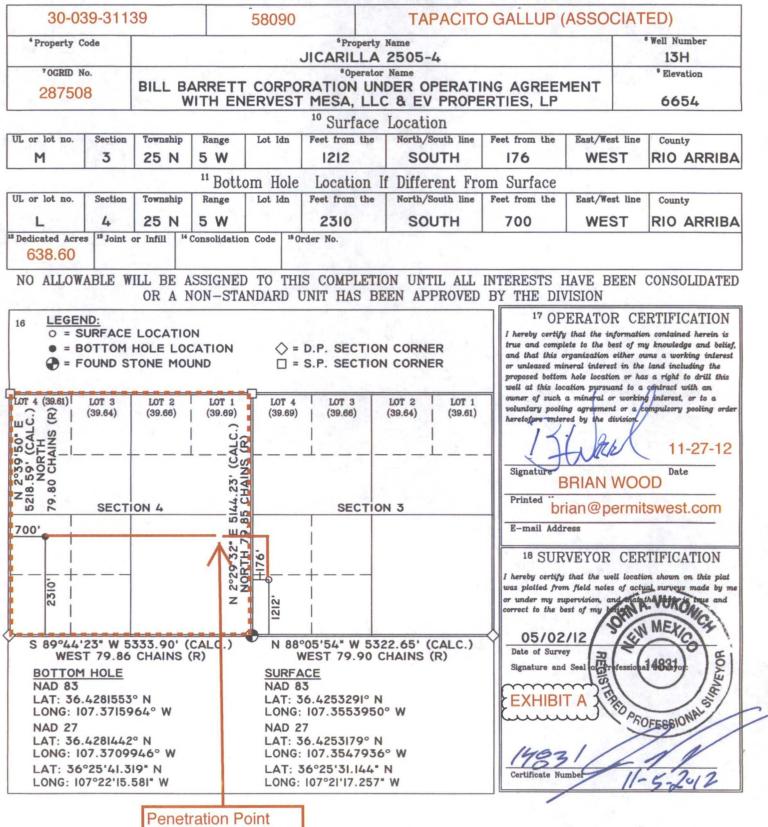
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Form C-102 Revised August 1, 2011 Submit one copy to appropriate **District** Office

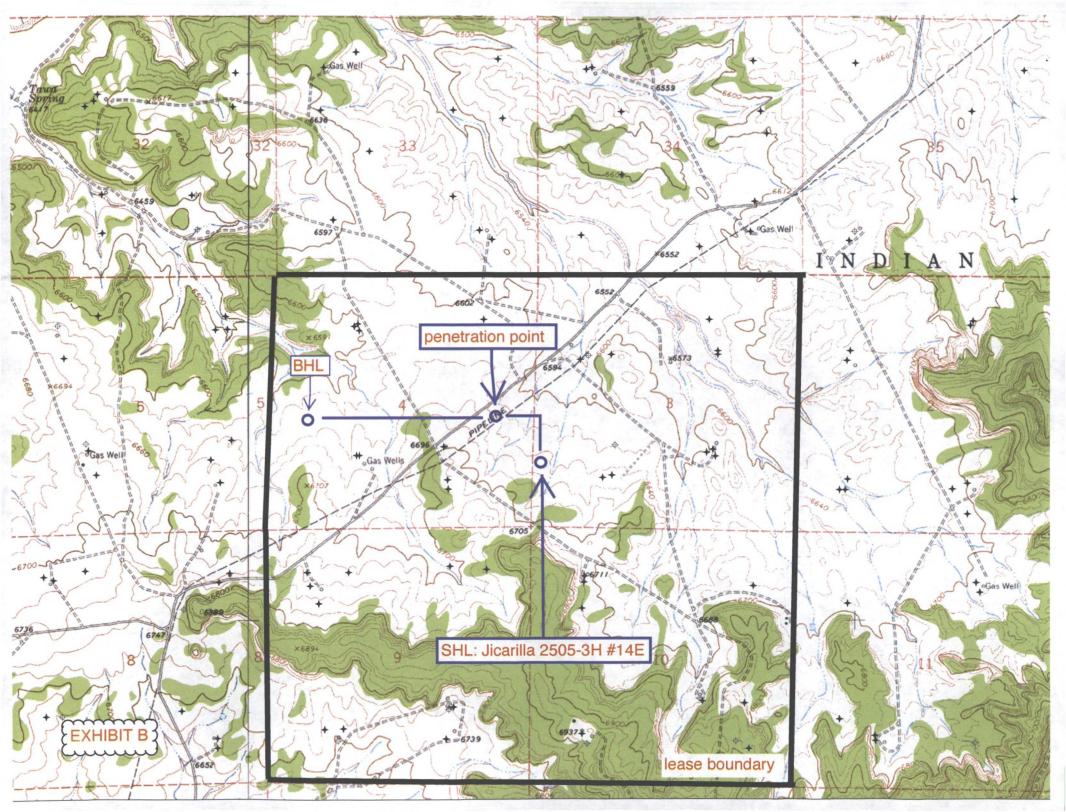
**OIL CONSERVATION DIVISION** 1220 South St. Francis Dr. Santa Fe, N.M. 87505

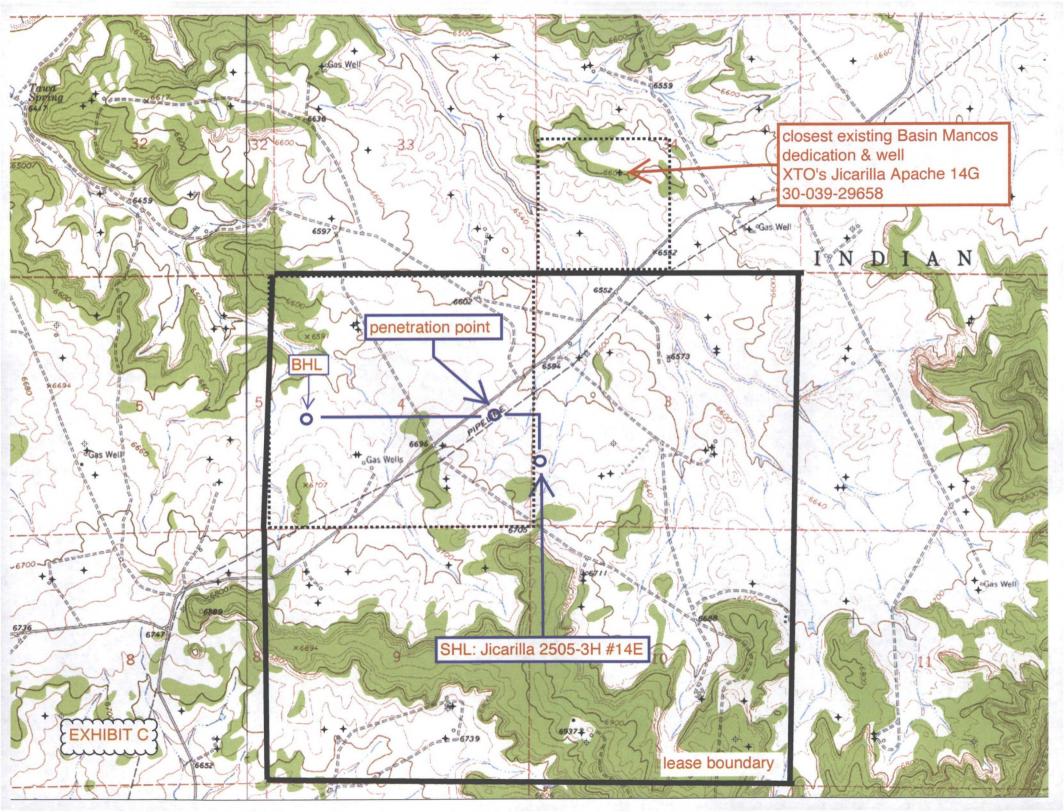
□ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT



2310 FSL & 700 FEI









December 3, 2012

Dixon Sandoval Oil & Gas Administration Jicarilla Apache 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 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
 SHL: 2310 FSL & 176 FWL 3-25n-5w

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

 Proposed NSL Zone: Tapacito Gallup Associated (Oil)
 TVD: 6,465'

 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

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

 Applicant's Address: 1099 18<sup>th</sup> Street, Suite 2300, Denver, CO 80202

<u>Submittal Information</u>: 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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Sincerely

Brian Wood



37 Verano Loop, Santa Fe, New Mexico 87508 (505),466-8120

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.

 Well'Name: Jicarilla 2505-4 #13H
 SHL: 2310 FSL & 176 FWL 3-25n-5w

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

 Proposed NSL Zone: Tapacito Gallup Associated (Oil)
 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's Address: 1099 18<sup>th</sup> Street, Suite 2300, Denver, CO 80202

<u>Submittal Information:</u> 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 rest is the application. NMOCD address is 1220 South St. Francis Dr., Santa Fe NMT



Sincerely

Brian Wood



December 3, 2012

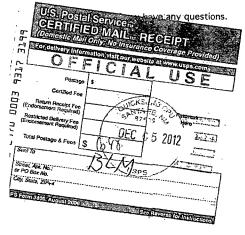
Bureau of Land Management 6251 College Blvd. Farmington, NM 87402

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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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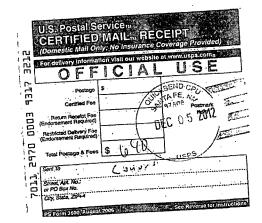
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Please call me if you have any questions.

Sincerely,

Brian Wood





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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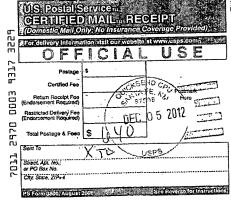
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Proposed NSL Zone: Tapacito Gallup Associated (Oil)

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Sincerely





TNĊ. PROVIDING PERMITS for LAND USERS 37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

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:
Sent:
То:
Subject:

Brooks, David K., EMNRD Tuesday, December 11, 2012 6:05 PM Hoppe, William, EMNRD 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.

1

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,

# 7.000

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: Sent: To: Subject: Brooks, David K., EMNRD Friday, December 07, 2012 2:38 PM brian@permitswest.com 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.

٦

Sincerely

David K. Brooks

فالمرص

From:	Vermersch, Amy H, EMNRD
Sent:	Tuesday, December 11, 2012 3:20 PM
То:	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" <<u>david.brooks@state.nm.us</u>> Subject: Bill Barrett Corporation; Jicarilla 2505-4 #13h Date: December 7, 2012 2:37:50 PM MST To: "brian@permitswest.com" <brian@permitswest.com>

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.

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Sincerely

David K. Brooks

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From:	Hoppe, William, EMNRD
Sent:	Tuesday, December 11, 2012 7:55 AM
То:	Brooks, David K., EMNRD
Subject:	RE: Barrett NSL and NSP

David,

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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



# 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.

eter Tower

Øirector, 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

#### EV ENERGY PARTNERS, L.P.

1001 FANNIN STREET, SUITE 800 • HOUSTON, TEXAS 77002-6707 • 713.651.1144 • FAX 713.651.1260 • WWW.EVENERGYPARTNERS.COM

# من قرر Brooks, David K., EMNRD

From:Brian Wood <brian@permitswest.com>Sent:Monday, December 17, 2012 11:28 AMTo:Hoppe, William, EMNRDCc:Brooks, David K., EMNRDSubject:Barrett's Jicarilla 2505-3H 14E SundryAttachments:Jicarilla 2505-4 #13H.pdf

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

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

Yerm 3101-3 (March 2012)       UNITED STATES DEPARTMENT OF THEINTERIOR BUREAU OF LAND MANAGEMENT       NOY 15 2072 At the stand No. 21 data       Content of the Stand Department of proposals of the Stand Ork Hitting At Alleles et Tribe Name Bandoned well. Use Form 3160-3 (APD) for such proposals.         Image: Subprove Control of the Stand Department of the Stand Bandoned well. Use Form 3160-3 (APD) for such proposals.       7 If the Control of the Stand Bandoned well. Use Form 3160-3 (APD) for such proposals.         Image: Subprove Control of the Stand Department of the Stand Bandoned well. Use Form 3160-3 (APD) for such proposals.       7 If the Control of the Stand Bandoned Well (Stand Department of Stand Department of Stan					in-		
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Notice of Intent       Active       Deepsn       Production (Start/Resume)       Water Shut-Off         Subsequent Report       Casing Repair       New Construction       Recomplete       Other         Trial Abandomment Notice       Completed Operation: Clearly state all pertisent deals, including estimated astarting date of any proposed work and approximate duration the the proposet is to depend increasingly view subscribe clearlosing and measured and true vertical depits of all pertisent interkers and zon Attach the Boad under which the work will be performed or provide the Boad No. on file with BLM/BLA. Required and the vertical dependenced and true vertical dependenced and the operator in advertice of the marks: and zon Attach the Boad under which the work will be performed or provide the Boad No. on file with BLM/BLA. Required and subsequent reports must be filed only after all requirements, including reclamation, have been completed and the operator in determined that the sits is racing for final inspection.)         BBC hereby requests to revise the well name, bottom hole and also add a pilot hole to this location.       The bottom hole not also add a pilot hole to this location.         The bottom hole in being revised to comply with the Basin-Mancos Gas Pool 660° spacing setback. The project area will now be the E/2 and W Socion n Hole: NW SW 2310° FSL and 380° FWL, Sec. 4, T25N-RSW         Please see revised plats, drilling program and directional plan attached.       BLMFS APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATIONS ON FEDERAL AND I	12, CHE	CK THE APPROPRIATE BO	(ES) TO INDIC	ATENATURE	OF NOTIO	CE, REPORT OR OTH	ER DATA
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Subsequent Report       Change Plans       Plag and Ahandon       Temporarily Abandon         Final Abandonment Notice       Convert to trigetion       Plag Back       Water Disposal         13. Describe Proposed or Completed Operation: Clearly state all pertinent delials, including estimated starting date of any proposed work and approximate duration the the proposed is to deepen directionally or recomplete horizontality, give subsariating cleanism and water which the work will be performed or provide the Bond No. on file with BLMPIA. Required subsequent reports must be filed within 30 do following completion of the involved operation in cashis in a multiple completion or recompletion in have been completed and the operator in determined that the site is required for final inspection.)         BBC hereby requests to revise the well name, bottom hole and also add a pilot hole to this location.         The bottom hole location is being revised to comply with the Basin-Mancos Gas Pool 660' spacing setback. The project area will now be the E/2 and W Section 4, 125N-RSW         Revised Bottom Hole: NW SW 2310' FSL and 300' FWL, Sec. 4, T25N-RSW         Revised Bottom Hole: NW SW 2310' FSL and 300' FWL, Sec. 4, T25N-RSW         Revised Bottom Hole: NW SW 2310' FSL and 300' FWL, Sec. 4, T25N-RSW         Please see revised plats, drilling program and directional plan attached.         CONDITIONS OF APPROVAL Adhere to previously issued stipulations.         14. Interby certify that the foregoing is true and correct. Name (Primed/Typed)         Venessa Langmacher         Title       Section 7 Enter Males Approval of this	Notice of Intent	Alter Casing	Fracture	Treat	Recl	amation	Well Integrity
Final Abandonment Notice       Convert to Injection       Plug Back       Water Disportal         13. Describe Proposed or Completed Operation: Clearly state all pertinent defails, including estimated saming date of any proposed work and approximate duration the the proposed is to deepen directionally or recomplete horizontally, give substantiated is clearly state deptils of all province marks and zon Attach the Bind under which the work will be performed or provide the Bond No. on The wih BL MiBiA. Required subsequent reports must be filed within 30 da following completion of the involved operations. If the operations is the filed only after all requirements, including reclamation, have been completed and the operation in a new interval, a form 31604 must be filed only after all requirements, including reclamation, have been completed and the operation in a new interval, a form 31604 must be filed only after all requirements, including reclamation, have been completed and the operator in determined that the site is ready for final inspection.         BBC hereby requests to revise the well name, bottom hole and also add a pliot hole to this location.         The bottom hole location is being revised to comply with the Basin-Mancos Gas Pool 660' spacing setback. The project area will now be the E/2 and W Socion 4, T25N-R5W Please see revised plats, drilling program and directional plan attached.         Approved Well Name:       Jicarilla 2505-31 14E         Revised Bottom Hole:       NW SW 2310' FSL and 380' FWL, Sec. 4, T25N-R5W         Please see revised plats, drilling program and directional plan attached.       BLMTS AppRoVAL OR ACCEPTANCE OF THIS ACTION DOES NOT REQUEST POR OPE OPERATIONS ON FEDESAL AND INDIAN LANDS         14. Thereby centify	Subsequent Report		_		=	•	Uther
the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and frue vertical depths of all pertinent markers and zon Attach the bond moder which he work will be performed or provide the Bond No. on file will BU/MBIA. Required absequent reports must be filed will be defendent on a new interval, a form 3160-4 must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final handmonent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final handmonent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final handmonent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final handmonent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final handmonent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final handmanent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final handmanent Notices must be filed only after all requirements, including requests to revise the well name, bottom hole and also add a plict hole to this location. The bottom hole location is being revised to comply with the Basin-Mancos Gas Pool 660' spacing setback. The project area will now be the E/2 and W Section 4, 175N-R5W, 840 acres. And 700 FWL, Sec. 4, 725N-R5W Revised Bottom Hole: NW SW 2310' FSL and 380' FWL, Sec. 4, 725N-R5W Please see revised plats, drilling program and directional plan attached. Adhe	Final Abandonment Notice		🔲 Plug Ba	ck		• •	مېرىكى دە دە دە مەسىرىكە دە دە يەرىپى بىلىكى بىل يېرىكى بىلىكى دە دە مەسىرىكى بىلىكى
Please see revised plats, drilling program and directional plan attached.  CONDITIONS OF APPROVAL Adhere to previously issued stipulations.  H. Thereby certify that the foregoing is true and correct. Name (Printed/T)ped/ Venessa Langmacher  H. Thereby certify that the foregoing is true and correct. Name (Printed/T)ped/ Venessa Langmacher  H. Thereby certify that the foregoing is true and correct. Name (Printed/T)ped/ Venessa Langmacher  H. Thereby certify that the foregoing is true and correct. Name (Printed/T)ped/ Venessa Langmacher  H. Thereby certify that the foregoing is true and correct. Name (Printed/T)ped/ Venessa Langmacher  H. Thereby certify that the foregoing is true and correct. Name (Printed/T)ped/ Venessa Langmacher  Title Senior Permit Analyst  Title Senior Permit Analyst  Title Senior Permit Analyst  Date 11/13/2012  This SPACE FOR FEDERAL OR STATE OFFICE USE  Approved by  Troy L. Schesta Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon.  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  Fieldious or fraudulent statements or representations as to any matter within its jurisdiction.	Section 4, T25N-R5W; 640 acres. Approved Well Name: Jicarilla 250 Revised Well Name: Jicarilla 2505 Approved Bottom Hole: NW SW 2	05-3H 14E 4 13H 310' FSL and 3B0' FWL, Sec	c. 4, T25N-R5W	-	acing sett	oack. The project are	a will now be the E/2 and W/2 o
Venessa Langmacher       Title Senior Permit Analyst         Signature       Signature         Signature       Senior Permit Analyst         Date       11/13/2012         This space for federal or state of fice use         Approved by       Troy         Conditions of approval, if any, are attached. Approval of this notice 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.         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 fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Please see revised plats, drilling pr	rogram and directional plan a			ACTIO OPER/ AUTHO	n does not reli ator from ortai daization requi	EVE THE LESSEE AND NING ANY OTHER RED FOR OPERATIONS
Signature       Verture       Angeneticant         Date       11/13/2012         THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved by         Troy       Salvers         Conditions of approval, if any, are attached. Approval of this notice 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.       Title Petroleurn Engineer       Date       12/13/2012         Office         FF6         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 fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		true and correct. Name (Printed		Fille Senior Pe	mit Anal		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved by       Troy L Sahers       Title Petroleum Engineer       Date 12/13/2002         Conditions of approval, if any, are attached. Approval of this notice 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.       Title Petroleum Engineer       Date 12/13/2002         Office       FF0         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 fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Signature Velleur	anomorker					
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Phone: (505) 478-3480 Fax:	(505) 478-3	482			. 87505 Bureau	oington Field ( of Land Mana	igemein	a	August 1, 2011 to appropriate District Office NDED REPORT		
	n	при и	STRICT IV 20 S. SL. Francis Dr., Santa Fe, N.M. 87505 100ne: (505) 478-3460 Fax: (505) 478-3462 10171 J. L. C. ATHONI, AND, ACEDERACE, DEDUCATIVON, DI AT								
API Number		VELL LOCATION AND ACREAGE DEDICATION PLAT									
30-039-31139		<u> </u>				·····					
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* OGRID No.				*Operator	Name				* Elevation		
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UL or lot no. Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/Wes	nt line	County		
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<sup>19</sup> Dedicated Acres <sup>19</sup> Joint c NO ALLOWABLE W		SSIGNED		der No.	ON UNTIL ALL	INTERESTS H	AVE B	EEN	CONSOLJDATED		
16 <u>LEGEND</u> : O = SURFACE $\bullet = BOTTOM I$ $\bullet = FOUND ST$ [LOT 4 (33.61)] LOT 3	LOCATION	N ATION	♦ =	D.P. SECTION S.P. SECTION		17 OP 1 hereby certify true and comple and that this or or unleased min proposed bettern well at this loce	ERATOI that the in the to the be yanization weral interes hole location thion pursue	formation rst of my either ou i in the m or ha wat to a	RTIFICATION n contrained herein is y thousedge and belief. ons a working inferest land including the a a right to drill this contrast with an g inferest, or to a		
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From:Brooks, David K., EMNRDSent:Tuesday, December 18, 2012 11:26 AMTo:brian@permitswest.comCc:Hoppe, William, EMNRDSubject: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 <brian@permitswest.com></brian@permitswest.com>
Sent:	Wednesday, December 19, 2012 2:54 PM
То:	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 3160-3 (August 2007)			OMB NO	APPROVED ), 1004-0137 uly 31, 2010
UNITED STATES DEPARTMENT OF THE I BUREAU OF LAND MAN		5. Lease Serial No. JIC 146		
APPLICATION FOR PERMIT TO			6. If Indian, Allotee JICARILLA APACH	
la. Type of work: DRILL REENTE	R		7 If Unit or CA Agre	eement, Name and No.
Ib. Type of Well: 🔽 Oil Well 🗌 Gas Well 🗌 Other	Single Zone Multip	ple Zone	8. Lease Name and V JICARILLA 2505-4	
2. Name of Operator BILL BARRETT CORPORATION under Enervest Mesa, LLC and EV Properties	operating agreement with LP	i	9. API Well No. 30-039-31139	
3a. Address 1099 18th ST., SUITE 2300 DENVER, C0 80202	3b. Phone No. (include area code) 303 312 8172		10. Field and Pool, or TAPACITO GALLU	. ,
4. Location of Well (Report location clearly and in accordance with any	v State requirements.*)		11. Sec., T. R. M. or B	lk.and Survey or Area
At surface 1212' FSL & 176' FWL 3-25N-5W At proposed prod. zone 2310' FSL & 380' FWL 4-25N-5W			SHL: SWSW (M) 3 BHL: NWSW (L) 4-	
<ul> <li>14. Distance in miles and direction from nearest town or post office*</li> <li>17 AIR MILES NE OF COUNSELOR, NM</li> </ul>	4		12. County or Parish RIO ARRIBA	13. State NM
<ul> <li>Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> </ul>	16. No. of acres in lease 2,557.20		Unit dedicated to this v -5w (= 320 acres)	well
<ol> <li>Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.</li> <li>1306' (Jicarilla 146 21R, a Chacra &amp; DK well)</li> </ol>	19. Proposed Depth 6,465' TVD 11,482' MD		IA Bond No. on file	5
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6,654' GL	22 Approximate date work will star 01/15/2013	rt*	<ul><li>23. Estimated duratio</li><li>7 WEEKS</li></ul>	n
	24. Attachments			
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, must be al	ttached to this	; form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System I SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	Lands, the 5. Operator certific	cation		existing bond on file (see
25. Signature	Name (Printed/Typed) BRIAN WOOD (505	466-8120)		Date 12/19/2012
	//////////////////////////////////////		Λ.	
CONSULTANT Approved by (Signature)	Name (Printed/Typed)	5 466-9682	)	Date
Title	Office	······································	9999-9999-9999-999-999-999-999-999-999	L
Application approval does not warrant or certify that the applicant holds conduct operations thereon. Conditions of approval, if any, are attached.	s legal or equitable title to those righ	ts in the subj	ectlease which would e	ntitle the applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cr States any false, fictitious or fraudulent statements or representations as t	ime for any person knowingly and vo o any matter within its jurisdiction.	willfully to m	ake to any department e	or agency of the United

(Continued on page 2)

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\*(Instructions on page 2)

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DISTRICT J 1625 N. French Dr., Hobbs, N.M. 68240 Phone: (575) 393-6161 Fax: (575) 393-0720 DISTRICT JI 811 S. First St., Artesia, N.M. 86210 Phone: (575) 748-1283 Fax: (575) 748-9720 DISTRICT JII 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 DISTRICT IV

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

State of New Mexico Energy, Minerals & Natural Resources Department

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

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

 $\boldsymbol{\chi}$  amended report

			WELL L	OCATIO	N AND A	CREAGE DED	CATION PI	JAT			
30-03	39-311	39		58090		TAPACITO	GALLUP (	ASSOCIAT	ED)		
*Property C	ode		I		*Property JICARILLA			"Well Number 13H			
OGRID N	o.		400FTT		*Operato	or Name			<sup>°</sup> Elevation		
28750	8				MESA, LL	NDER OPERATI			6654		
						e Location					
L or lot no.	Section	Township	Range	Lot Idn	Feet from the	· ·	Feet from the	East/West line	County		
M	3	25 N	5 W		1212	SOUTH	176	WEST	RIO ARRIBA		
			"Botte	om Hole		lf Different Fro					
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		
$\begin{array}{l} \begin{array}{l} \text{Oedicated Acres} \\ 0x4 = 320 \end{array} \end{array}$		or Infill 14	Consolidation	a Code <sup>15</sup> 0	rder No.						
NO ALLOW	ABLE W					ION UNTIL ALL			CONSOLIDATED		
			NON-SIA	NDARD (		EEN APPROVED					
6 LEGEN		LOCATIC	N				11		ERTIFICATION		
		HOLE LO		◇=	D.P. SECTIO	N CORNER	true and compl	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.			
-		TONE MO		•	S.P. SECTIO				nons a working interest e land including the		
								hole location or hi ation pursuant to a	as a right to drill this		
DT 4 (39.61)	LOT 3	LOT 2	LOT 1	LOT 4	LOT 3	LOT 2 LOT 1	owner of such	a mineral or workin	ng interest, or to a		
.0 5 1	(39.64)	(39.66)	(39.69)	(39.69)	(39.66)	(39.64) (39.61)		rg agreement or q ed by the division	compulsory pooling order		
A-Q					1	1	$\square \mathcal{D}$				
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5218.59' (CAL NORTH 79.80 CHAINS			23.				h h	BRIAN WOO			
79	SECTI	ON 4	17 17		SECTIO	DN 3	Printed br	Printed brian@permitswest.com			
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BOTTOM	HOLE			SURFA	<u>NCE</u>		Signature and	Seal offersion	1903 to 1		
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		Penet	ration P	oint							

2310 FSL & 700 FEL