

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions
listed below are made in accordance with OCD Rule 19.15.7.11
and are in addition to the actions approved by BLM on the
following 3160-4 or 3160-5 form.

Operator Signature Date: March 26th, 2014

Application Type:

☐ P&A ☐ Drilling/Casing Change ☒ Recomplete/DHC
☐ Location Change ☐ Other:

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-82260-00-00	JICARILLA B	004	ENERVEST OPERATING L.L.C.	G	A	Rio Arriba	J	H	21	26	N	5	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations
Provide CBL to agencies for review prior to perforations

Must have approved DHC from Santa Fe prior to trimingling with the Mesaverde production

File C104 and completion report for the Mesaverde before returning to production.

NMOCD Approved by Signature

April 1, 2014
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
JIC 109

6. If Indian, Allottee or Tribe Name
Jicarilla

SUBMIT IN TRIPLICATE – Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Jicarilla B #4

2. Name of Operator
EnerVest Operating, LLC

9. API Well No.
30-039-82260

3a. Address
1001 Fannin St., Suite 800, Houston, TX 77002

3b. Phone No. (include area code)
713-659-3500; 713-970-1847

10. Field and Pool or Exploratory Area
Basin-Dakota/Tapacito-Gallup/Blanco-Mesaverde

4. Location of Well (Footage, Sec., T. R. M., or Survey Description)
1650'FNL & 990' FEL (Unit H), Sec. 21, T26N, R05W

11. County or Parish, State
Rio Arriba County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DHC
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment 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 inspection.)

The Jicarilla B #4 well is currently completed in the Basin Dakota/Tapacito Gallup through perforations 6702-6724' and 7204-7446'. EnerVest Operating, LLC (current Operator) is proposing to complete the Blanco-Mesaverde gas pool in this well and then down hole commingle all three pools.

Attached is a detailed procedure to do this work.

Attached for your information is a copy of the Application to DHC (C-107A) and C-102 filed with NMOCD.

RCVD MAR 31 '14
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Jeanie McMillan

Title Sr. Regulatory Analyst

Signature

Date 03/26/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAR 28 2014

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.

Office

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

(Instructions on page 2)

NMOCD

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment.

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

EnerVest Operating, LLC
Pay Add Wellbore Prep Procedure
Jicarilla B # 4

API # 30-039-82260

1650' FNL and 990' FEL Unit G Sec 21, T26N, R05W

Rio Arriba, NM

GL: 6555', KB: 6570', PBTB: +/- 7500'

AFE =

Well Information

Surface Casing: 8 5/8" 20# J-55 set @ 330'
Production Casing: 5 1/2" 15.5 & 14# J-55 set @ 7533', TOC = ?
Production Tubing: 2 3/8" 4.7 # J-55 @ 7396', SN @ 7395'

Completion Intervals:

Current Gallup: 6702'-6706'
6721'-6724'

Current Dakota: 7204'-7209'
7238'-7240'
7293'-7296'
7327'-7330'
7335'-7339'

7373'-7376'
7387'-7390'
7414'-7421'
7444'-7446'

Proposed Menefee / Point Lookout: TBD

Wellbore Prep:

1. MIRU PPP rig.
2. MI 1 – 400 bbl frac tank, fill with 2% KCl water.
3. ND WH, NU BOP.
4. TOOH with 2 3/8" production string. Scan with Tuboscope while pulling.
5. TIH with 2 3/8" work string and 4 3/4" bit and watermelon mill to PBTB. Tag for fill. TOOH.
6. TIH with 5 1/2" RBP and set @ +/- 7175' above the Dakota perms.
7. TIH with 2 3/8" tbg, load the hole with 12 bbl 2% KCl water. TOOH.
8. MIRU logging truck. Run GR/CCL/CBL from 7175' to top of fluid or the Gallup perms (6702'-6724').
9. TIH with 2 3/8" tbg and retrieving head. Pick up RBP.
10. Pull up to +/- 6680', set RBP @ +/- 6680'.
11. Load the hole with 159 bbl 2% KCl water. TOOH.
12. Run GR/CCL/CBL 6680' to surface. Run cased-hole neutron from 6680' to 2500'.
13. Pressure test casing to 650 psi for 30 min. Report results to engineering.
14. Notify NMOCD and BLM to witness MIT.
15. Perform MIT and record on chart.
16. TIH to unload the hole and retrieve the RBP. TOOH.

17. TIH with 2 3/8" production tbg. Land tbg at +/- 7395'
18. Return well to production. Awaiting the payadd design.
19. RDMOSU.

Menefee and or Point Lookout Pay Add:

The Mesa Verde payadd will be designed after the neutron log evaluation

L Diede
5-12-2013
Rev 10-22-2013



March 24, 2014

New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Jami Bailey, CPG
Division Director

RE: Form C-107-A; Application to Amend DHC-1137-A
Jicarilla "B" No. 4 (**API No. 30-039-82260**)
1650' FNL & 990' FEL (Unit H)
Section 21, T-26 North, R-5 West, NMPM,
Rio Arriba County, New Mexico

Dear Ms. Bailey,

By Order No. DHC-1137 dated June 20, 1995, Amoco Production Company was authorized to downhole commingle Basin-Dakota and Tapacito-Gallup (Associated) Pool production within the Jicarilla "B" Well No. 4. Pursuant to this order, production was to be allocated to each pool as follows:

	<u>Oil</u>	<u>Gas</u>
Basin-Dakota Gas Pool	83%	86%
Tapacito-Gallup (Associated) Pool	17%	14%

By Order No. DHC-1137-A dated April 21, 2005, CDX Rio, LLC, the successor operator, was authorized to downhole commingle Basin-Dakota Gas, Tapacito-Gallup (Associated) and Blanco-Mesaverde Gas Pool production within the Jicarilla "B" No. 4. Pursuant to this order, production was to be allocated to each pool as follows:

	<u>Oil</u>	<u>Gas</u>
Basin-Dakota Gas Pool	54%	54%
Tapacito-Gallup (Associated) Pool	13%	10%
Blanco-Mesaverde Gas Pool	33%	36%

CDX Rio, LLC ultimately did not complete the Jicarilla "B" No. 4 in the Blanco-Mesaverde Gas Pool, and the well is still currently downhole commingled in the Basin-Dakota and Tapacito-Gallup (Associated) Pools.

Enervest Operating, L.L.C., ("Enervest") the current operator of the well, is now proposing to complete the Blanco-Mesaverde Gas Pool within the subject well, and consequently seeks to

re-instate Order No. DHC-1137-A, and also seeks to amend the allocation percentages established by that order.

In support its request to amend the production allocation, Enervest presents the following production data:

The average 2013 producing rates for the Basin-Dakota Gas Pool and Tapacito-Gallup (Associated) Pool within the subject well were: i) Dakota: 0.96 BOPD, 119 MCFGPD and 0.75 BWPB; ii) Gallup: 0.20 BOPD, 18 MCFGPD and 0.159 BWPB.

Enervest has also determined the average 2013 producing rates for six Blanco-Mesaverde Gas Pool wells offsetting the Jicarilla "B" No. 4. These wells, and their producing rates, are described as follows:

<u>Well Name & #</u>	<u>Well Location</u>	<u>2013 Average Producing Rate</u>		
Jicarilla B No. 4E	Unit P, 21-26N-5W	1.83 BOPD	160 MCFGPD	1.23 BWPB
Jicarilla B No. 4M	Unit G, 21-26N-5W	0.91 BOPD	113 MCFGPD	3.65 BWPB
Jicarilla B No. 1	Unit G, 22-26N-5W	0.35 BOPD	66 MCFGPD	0.67 BWPB
Jicairlla B No. 6E	Unit C, 22-26N-5W	0.28 BOPD	77 MCFGPD	0.65 BWPB
Jicarilla B No. 2	Unit M, 16-26N-5W	0.13 BOPD	7 MCFGPD	0.29 BWPB
Jicarilla B No. 3R	Unit J, 15-26N-5W	2.23 BOPD	296 MCFGPD	9.0 BWPB
Average Rates:		0.96 BOPD	120 MCFGPD	2.58 BWPB

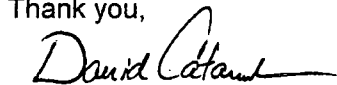
Utilizing this data, Enervest proposes to allocate production as follows:

	<u>Oil</u>	<u>Gas</u>	<u>Water</u>
Basin-Dakota Gas Pool	45%	46%	21%
Tapacito-Gallup (Associated) Pool	10%	7%	5%
Blanco-Mesaverde Gas Pool	45%	47%	74%

Attached is a Form C-107-A with attachments. Interest ownership is common, consequently no notification is required. A copy of this application will be provided to the Bureau of Land Management.

If you have any questions, please contact me at (505) 690-9453.

Thank you,



David Catanach
Agent-Enervest Operating, LLC

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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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 APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS -Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

David Catanach
 Print or Type Name

David Catanach
 Signature

Agent-Enervest Operating, L.L.C.
 Title

3/24/14
 Date

drcatanach@netscape.com
 E-Mail Address

District I
1625 N. French Drive, Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Amar, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

RECEIVED
MAY 15 2003
MAY 15 2003
MAY 15 2003

Operator Enervest Operating, L.L.C. Address 1001 Fannin Street, Suite 800 Houston, Texas 77002

Lease Jicarilla "B" Well No. 4 Unit H, Section 21, T-26 North, R-5 West County Rio Arriba

OGRID No. 143199 Property Code 306753 API No. 30-039-82260 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco-Mesaverde	Tapacito-Gallup	Basin-Dakota
Pool Code	Prorated Gas-72319	Associated-58090	Prorated Gas-71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4,675'-5,340' (Estimated)	6,702'-6,724'	7,204'-7,446'
Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	545 psi (Estimated)	440 psi	440 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1200 BTU	1270 BTU	1210 BTU
Producing, Shut-In or New Zone	New-Not Yet Completed	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: (Estimated) Rates: 0.96 BOPD 120 MCFGPD 2.58 BWPD	Date: 2013 Average Prod. Rates: 0.20 BOPD 18 MCFGPD 0.159 BWPD	Date: 2013 Average Prod. Rates: 0.96 BOPD 119 MCFGPD 0.75 BWPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Water 45% 47% 74%	Oil Gas Water 10% 7% 5%	Oil Gas Water 45% 46% 21%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: David Catanach TITLE: Agent-Enervest Operating, L.L.C. DATE: 3/24/14

TYPE OR PRINT NAME: David Catanach TELEPHONE NO.: (505) 690-9453

E-MAIL ADDRESS: drcatanach@netscape.com

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Owner: **TENNECO OIL COMPANY** Section: **JICARILLA "B"**

Location: **H 21 26 North 5 West Rio Arriba**

Area: **1650** North **990** feet from the East

6555*ungraded **Undesignated Gallup and Basin Dakota** **Undesignated Gallup and Basin Dakota** **320** **E/2**

Outline the acreage dedicated to the subject well by colored pencil or red ink on the following

1. If more than one well is located to the well, outline the acreage of each well and the acreage of the well to which the working interest and royalty.

2. If more than one acreage of different lands is located to the well, outline the acreage of each well and the acreage of the well to which the working interest and royalty.

3. If more than one acreage of different lands is located to the well, outline the acreage of each well and the acreage of the well to which the working interest and royalty.

4. If more than one acreage of different lands is located to the well, outline the acreage of each well and the acreage of the well to which the working interest and royalty.

5. If more than one acreage of different lands is located to the well, outline the acreage of each well and the acreage of the well to which the working interest and royalty.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Harold C. Nichols
Harold C. Nichols

Senior Production Clerk

Tenneco Oil Company

May 9, 1966

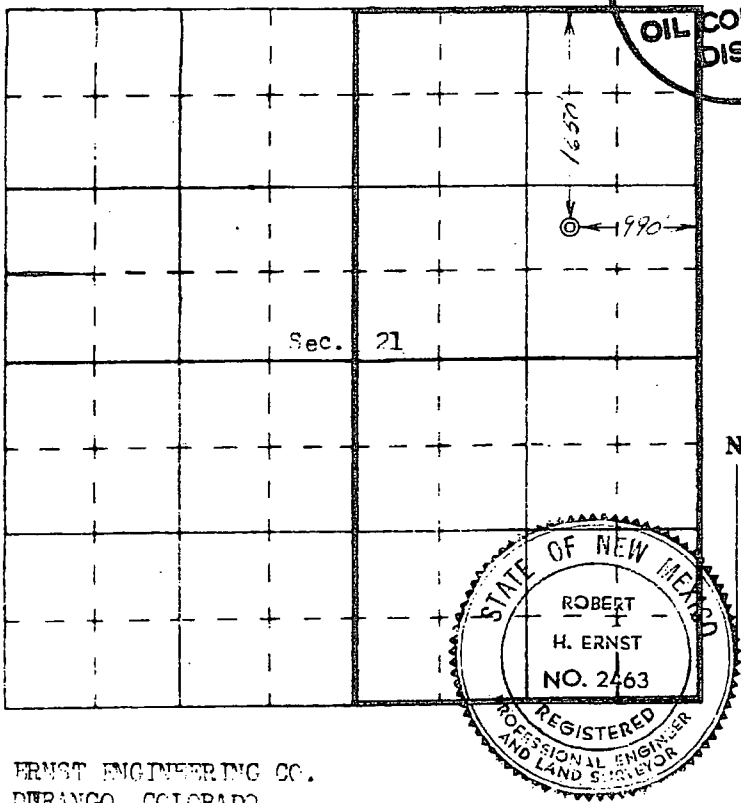
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

4 April 1966

Robert H. Ernst
Robert H. Ernst

Registered Professional Engineer
No. Mex. PE & IS 2463

Certificate No.



**ERNST ENGINEERING CO.
DURANGO, COLORADO**

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

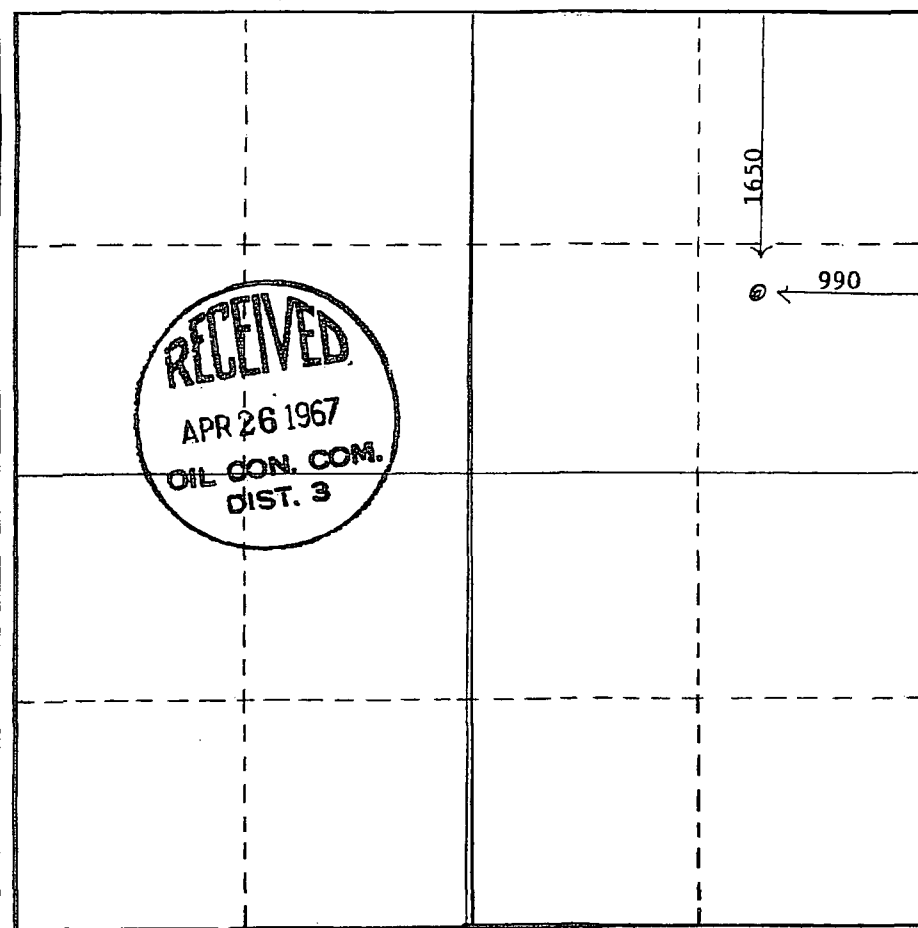
Operator Tenneco Oil Company			Lease Jicarilla "B"		Well No. 4
Unit Letter H	Section 21	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1650 feet from the North line and 990 feet from the East line </div>					
Ground Level Elev. 6555 UnGr.	Producing Formation Tapacito Gallup	Pool Gallup		Dedicated Acreage: E/2 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **G. A. Ford**
Position **Senior Production Clerk**

Company **Tenneco Oil Company**

Date **April 25, 1967**

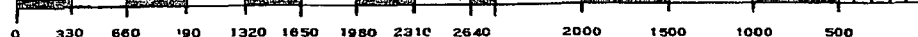
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



<p style="text-align: center;">Jicarilla B No. 4</p> <p>Jicarilla B No. 4M (Existing)</p> <p>Jicarilla B No. 4E (Existing)</p>	<h3 style="text-align: center;">OPERATOR CERTIFICATION</h3> <p>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 bottomhole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofor entered by the Division.</p> <hr/> <p style="text-align: right;"> <i>David Catanach</i> 3/24/14 Signature Date </p> <hr/> <p> David Catanach-Agent Printed Name </p> <hr/> <p> <u>drcatanach@netscape.com</u> E-mail Address </p>
	<h3 style="text-align: center;">SURVEYOR CERTIFICATION</h3> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <hr/> <p>Date of Survey _____</p> <hr/> <p>Signature and Seal of Professional Surveyor:</p> <p style="text-align: center;"> Originally surveyed by Robert H. Ernst on April 4, 1966. Certificate No. 2463 </p> <hr/> <p>Certificate Number _____</p>

2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Jan	8	334	4	31	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Feb	1	375	2	28	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Mar	10	426	7	31	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Apr	1	465	5	10	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	May	2	411	2	12	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Jun	9	452	2	11	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Jul	3	438	4	7	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Aug	4	413	2	31	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Sep	2	407	1	30	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Oct	7	397	5	31	0	0	0	0	0
2013	[58090] TAPACITO GALLUP (ASSOCIATED)	Nov	3	425	6	30	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Jan	36	2258	18	31	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Feb	8	2251	9	28	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Mar	50	2876	33	31	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Apr	5	3021	22	10	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	May	8	2773	9	12	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Jun	47	2936	11	11	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Jul	12	2955	18	7	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Aug	19	2784	9	31	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Sep	10	2642	6	30	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Oct	36	2682	24	31	0	0	0	0	0
2013	[71599] BASIN DAKOTA (PRORATED GAS)	Nov	10	2761	32	30	0	0	0	0	0

Enervest Operating, L.L.C.
Form C-107-A: Jicarilla "B" No. 4
2013 Producing Rates
Tapacito-Gallup (Associated) Pool
Basin-Dakota Gas Pool