

DATE IN 1/10/11	SUSPENSE	ENGINEER DKB	LOGGED IN 1/10/11	TYPE DHC	APP NO. 1101052429
-----------------	----------	--------------	-------------------	----------	--------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



PTGW
 234550
 A 11:00
 Jenny #1M

ADMINISTRATIVE APPLICATION CHECKLIST 30-039-21513

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]

4345
 Fed
 Rio Arriba

- [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.

JEAN MUSE-REYNOLDS
 Print or Type Name

Signature

REGULATORY COMPLIANCE
 Title

01/04/2011
 Date

jmuse@nobleenergyinc.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, Aztec, 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

NOBLE ENERGY, INC. 5802 U.S. HIGHWAY 64 FARMINGTON, NM 87401
Operator Address

JENNEY #1M P Sec 13 - T26N - R4W RIO ARRIBBA
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 234550 Property Code API No. 30-039-21513 Lease Type: Federal XXX State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILD HORSE GALLUP	BLANCO MESA VERDE	BASIN DAKOTA
Pool Code	87360	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7470-7482 7246-7482	5926-5980	7885-8091
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	To be tri-mingled SEPTEMBER 2010	To be tri-mingled SEPTEMBER 2010	To be tri-mingled SEPTEMBER 2010
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.)	Production estimates from various off-set wells in proximity to well.	Production estimates from various off-set wells in proximity to well.	Production estimates from various off-set wells in proximity to well.
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 0 % 22 %	Oil Gas 30 % 47 %	Oil Gas 70 % 31 %

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? N/A 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.

RECEIVED
DEC 23 2010
Farmington, NM

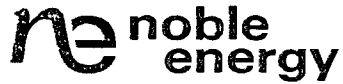
PRE-APPROVED POOLS

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 J Muse TITLE: REGULATORY COMPLIANCE DATE 09/01/10
TYPE OR PRINT NAME JEAN M. MUSE TELEPHONE NO. (505) 632-8056
E-MAIL ADDRESS jmuse@nobleenergyinc.com



To: Billie Maez, Farmington
From: Melanie Peterson and Brittany Rothe, Denver
Date: August 11, 2010

Subject: Workover to commingle the Mesa Verde and Dakota zones (currently isolated) with the Gallup.

Jenney 1M
Sec 13 T26N R4W, NW SE SE
Rio Arriba County, NM
Jicarilla Field

API#: 30-039-21513
Gallup WI/NRI: 100% / 80%
MV & DK WI/NRI: 25% / 20%

Current Production: 13 MCFD (GP)
Target Production: 23 MCFD (MV) & 14 MCFD (DK)
Success Probability: 75%

Well History

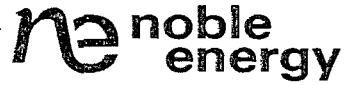
Consolidated Oil & Gas drilled the Jenney 1M as a Basin Dakota and Mesa Verde (Point Lookout Formation) producer from April through May of 1978. Completions were performed in November and December of the same year. Post-frac, the Dakota was tested with an initial production of 0.558 MMCFPD in February 1979. Post-frac, the Mesa Verde showed an AOF potential of 4.269 MMCFD with an initial production of 2.236 MMCFPD in January 1979. Cumulative production from the Dakota and Mesa Verde, respectively, is 0.407 BCF and 0.501 BCF to date.

In August 2004, after producing from the MV & DK for roughly 26 years, Patina Oil and Gas completed the Menefee formation. A plug was set at 5910' to protect the MV & DK. The Menefee had 18 holes shot between 5648'-5886' and was frac'd using a N-80 frac string with slickwater, 75,000# of 20/40 Ottawa sand, and 9,000# resin coated sand. The Menefee was shown to contribute a lot of water production and was squeezed on 11-10-04. The CIBP was drilled out at 5910' and the lower zones were returned to production.

In December 2005 the Gallup formation was perf'd from 7470-7482' with 2 SPF totaling 24 holes and 7558-7562' with 3 SPF and 12 holes. The formation was also frac'd using N-80 frac string with 66,000# 20/40 CRC sand, 1,063,890 SCF Nitrogen, and 21,607 gal 2% Carlsbad KCL.

The Gallup has been producing (with the Mesa Verde and Dakota isolated) since February 2006 and has accumulated roughly 0.02 BCF. Its current production is approximately 13 MCFD. The well also appears to not be producing any water, indicating that the plunger system is probably not operating.

The current recommendation is to commingle the Gallup production with the Mesa Verde (behind packer) and the Dakota (under plug).

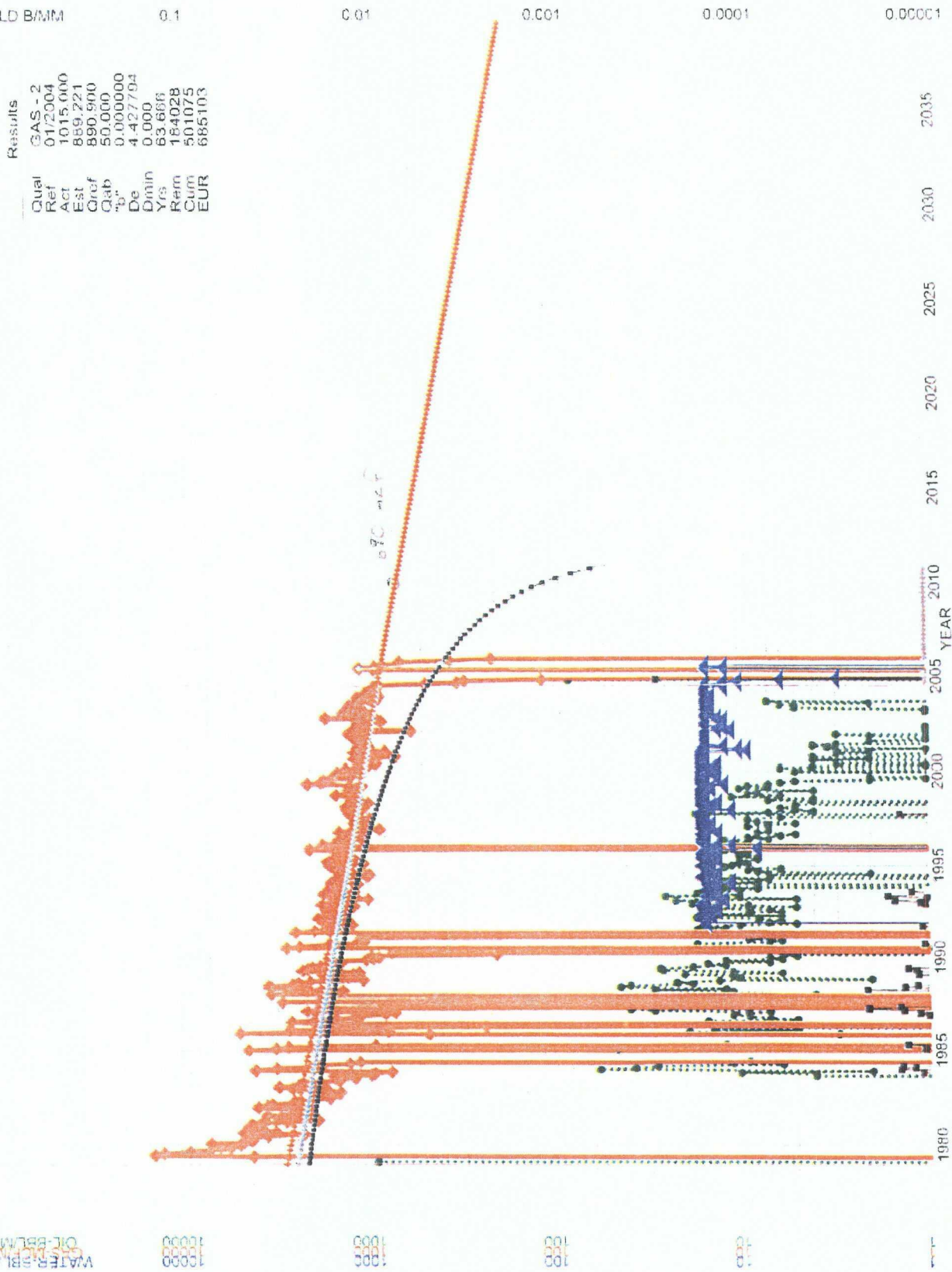


WORKOVER PROCEDURE
Jenney 1M
Commingle the Mesa Verde, Gallup, and Dakota Formations

Workover Procedure

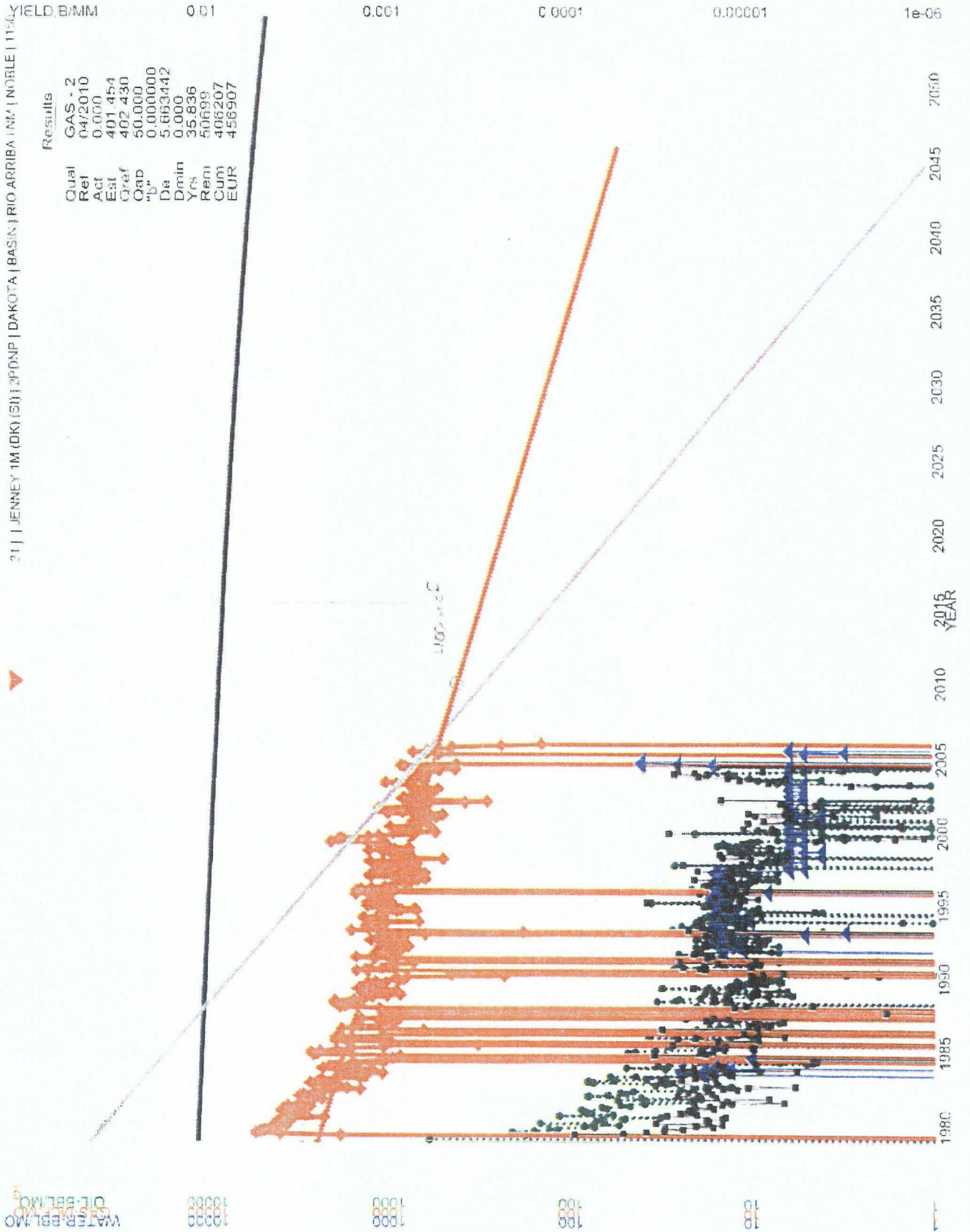
1. Check rig anchors and make sure they have been tested in the last 2 years. Check road conditions on lease road and make necessary repairs for rig and equipment.
2. Have 20 jts (some extra for backup) of 2-3/8" 4.7# J-55 tubing waiting at location to be used in well later.
3. MIRU workover rig. Conduct safety meeting. Test lubricator to 1000 psi. Make sure the master valve holds.
4. Blow down/kill well and retrieve the plunger and plunger stop.
5. TOH w/ 230 jts of 2-3/8" 4.7# J-55 tbg. (186 jts above packer, 44 jts below packer) and 2-3/8 x 5-1/2" R-3 dbl grip packer (set @ 6050.98' in 12,000# compression).
6. TIH w/ tubing string and bit to 7750'. Drill out CIBP.
7. Circulate and clean out well to top of fish @ 8008'.
8. RIH w/ 2-3/8" 4.7# J-55 tbg, plunger, and plunger stop toward the bottom of Dakota perforations @ +/- 7960'.
9. Put well back on production.

21 | JENNEY 1M (MV) (SI) | ZPDNP | MESA VERDE | BLANCO | RIO ARRIBA | NM | NOBLE 1115



Results

Qual	GAS - 2
Ref	04/2010
Act	0.000
Est	401.454
Grif	402.430
Gap	50.000
Da	0.000000
Dmin	5.863442
Yrs	0.000
Rem	35.836
Cum	50699
EUR	408207
	456907



JENNY 1-M
30039215130000
NOBLE ENERGY INC

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-21513		2 Pool Code 71598/87360/72319		3 Pool Name BASIN / DACTA / WILD HORSE GALLUP / BLANCO / MESA VERDE	
4 Property Code 24041		5 Property Name JENNEY		6 Well Number #1M	
7 OGRID No. 173252		8 Operator Name PATINA SAN JUAN, INC.		9 Elevation 7085' GL	

10 Surface Location

UL or lot no. "M"	Section 13	Township 26 N	Range 4 W	Lot Idn	Feet from the 900'	North/South line SOUTH	Feet from the 790'	East/West line EAST	County
----------------------	---------------	------------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	--------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 330.0 ± 160.5E/4	13 Joint or Infill	14 Consolidation Code	15 Order No.
---	--------------------	-----------------------	--------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p>	<p>17 OPERATOR CERTIFICATION</p> <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 bottom hole 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 heretofore entered by the division.</p> <p>Signature: <u>Muse</u> Date: <u>2/24/06</u></p> <p>JEAN M. MUSE Printed Name</p>	
	<p>18 SURVEYOR CERTIFICATION</p> <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> <p>OCTOBER 6, 1977 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: ON FILE James P. Leese San Juan Engineering Co. Farmington, NM #1463 Certificate Number</p>	

WORKING INTEREST OWNERS

Re: **Application to Down-Hole Tri-mingle**
Jenney 1M
API 30-039-23504
UL "P" Sec 13, T26N – R4W
Rio Arriba County, New Mexico


To Whom It May Concern:

Noble Energy, Inc. has submitted to the State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division an application to down-hole tri-mingle the above-referenced well. Noble plans to down-hole tri-mingle the Basin Dakota, Wild Horse Gallup and Blanco Mesa Verde pools in this wellbore. These are pre-approved pools per NMOCD Order #11563. The well was initially completed in both the Dakota and Mesa Verde formations.

Enclosed is a complete copy of the application submitted. Any objections must be submitted in writing to the State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division, 1000 Rio Brazos Road, Aztec, NM 87410 within twenty (20) days of receipt of this letter.

Please contact me at (505) 632-8056 with any further questions or concerns.

Cordially,
Noble Energy, Inc.



Jean M. Muse
Regulatory Compliance

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSubmit in Duplicate*
(See other instructions
on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. JICARILLA CONTRACT #105	
b. TYPE OF COMPLETION: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> RESVR <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA APACHE TRIBE	
2. NAME OF OPERATOR PATINA OIL & GAS CORPORATION						7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 5802 HIGHWAY 64, FARMINGTON, NM 87401						8. FARM OR LEASE NAME, WELL NO. JENNEY #1M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 990' FSL - 780 FEL, UL "F" At top prod. interval reported below Same At total depth Same						9. API WELL NO. 30-039-21513 S2	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT Basin DK / Blanco MV / Wildhorse GP	
15. DATE SPUDDED 4/20/1978						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 13, T26N, R4W	
16. DATE T.D. REACHED 5/2/1978						12. COUNTY OR PARISH RIO ARRIBA	
17. DATE COMPL. (Ready to prod.) 1/4/2006						13. STATE NM	
18. ELEVATIONS (OF, RKB, RT, GR, ETC.) 7085' GL						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MM & JJ 8110'		21. PLUG, BACK T.D., MD & TTT 7750'		22. IF MULTIPLE COMPL., HOW MANY?		23. INTERVALS DRILLED BY	
24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 7470' - 7562' Wildhorse Gallup						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
10-3/4"	40.5# H-40	297'	15"	300 sx		circ to surface	
7-5/8"	26.4# K-55	4060'	9-7/8"	250 sx		circ to surface	
5-1/2"	17# K-55	8110' 805'	6-3/4"	350 sx		circ to surface	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
5-1/2"	3880'	8110' 805'	350 sx		SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7470' - 7482' 2 JSPP, 24 holes				DEPTH INTERVAL (MD)			
7558' - 7562' 3 JSPP, 12 holes				7470' - 7562'			
36 Total holes				AMOUNT AND KIND OF MATERIAL USED			
3-1/8" csg gun, 120 degree phasing				Frac: 1,063,890 SCF Nitrogen, 21,607 gal 2% Carlsbad KCL carrying 88,000#			
				20/40 sand from 0.5# to 3.0#, avg treating psi 48,500 psi.			
				ISIP: 4355, 5 min: 2190, 10 min: 2179, 15 min: 2170			
33. PRODUCTION							
DATE FIRST PRODUCTION ASAP		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING				WELL STATUS (Producing or Shut-In) SHUT-IN	
DATE OF TEST 12/31/2005	HR'S TESTED 3	CHOKE SIZE 0.25"	PROD FOR TEST PERIOD	OIL—BBL 0	GAS—MCF 6.4	WATER—BBL 0	GAS-OIL RATIO
FLOW TUBING PRESS 25#	CSG PRESS 110#	CALCULATED 24-HOUR RATE	OIL—BBL 0	GAS—MCF 52	WATER—BBL 0	OIL GRAVITY—API (CORE.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED				TEST WITNESSED BY ACCEPTED FOR RECORD			
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED <u>Martinez</u>				TITLE REGULATORY ANALYST			
e-mail: <u>mmartinez@patinasanjuan.com</u>				DATE 1/13/2006			

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCOD

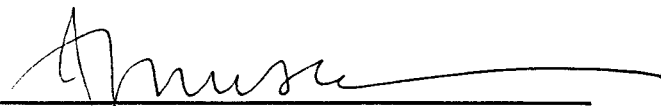
Noble Energy, Inc.
5802 US Highway 64
Farmington, NM 87401

Jenney #1M
API 30-039-21513
UL "P" Sec 13, T26N – R4W
Rio Arriba County, New Mexico

Re: Application to Down-Hole Commingle

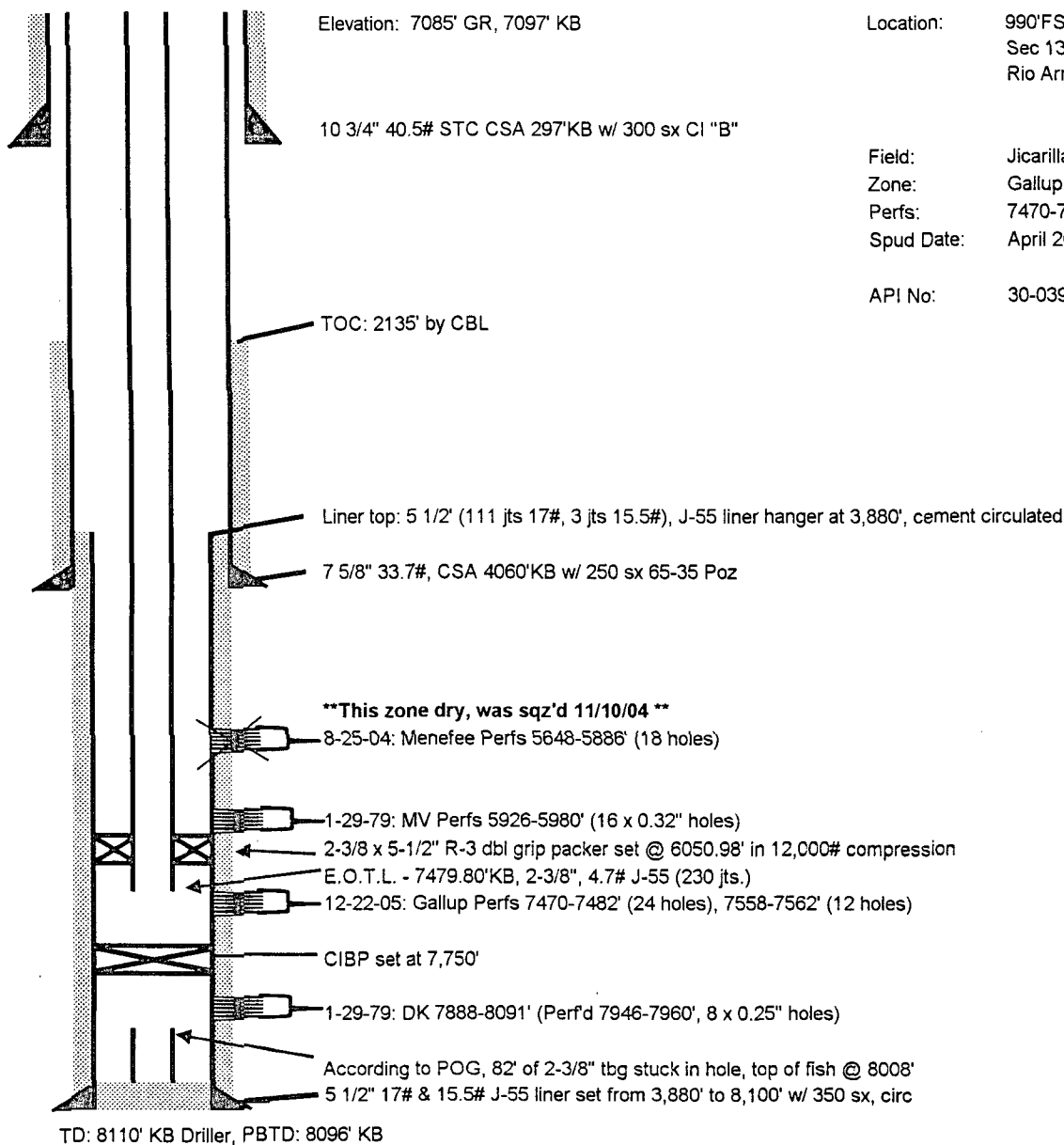
The trimmingling of the Basin Dakota, Gallup and Mesa Verde (Menefee & Point Lookout) pools in this wellbore will not reduce the value of the remaining production. Trimmingling these pools should increase the value of the remaining reserves due to using the remaining reservoir energy in both zones to produce the wells.

Trimmingling operations conducted on other similar wells have resulted in increased production rates and greater reserves than producing the zones separately.



Jean M. Muse
Regulatory Compliance
Noble Energy, Inc.

**Jenney 1M
AFE#: 128611**



Location: 990'FSL, 790'FEL
Sec 13, T26N, R4W
Rio Arriba County, NM

Field: Jicarilla
Zone: Gallup (Menefee, MV & DK isolated)
Perfs: 7470-7562' Other zones isolated
Spud Date: April 20th, 1978

API No: 30-039-21513

1/29/1979 Jenney 1M completed in Mesa Verde (5926-5980) and Dakota (7888-8091). Both zones frac'd w/ acid lead-in. See wellfile for details

8/27/2004 Frac'd Menefee w/ slickwater, 75,000# 20/40, 9000# resin-coated, screen out at 2344 bbls, no gas produced

12/27/2005 Frac'd Gallup w/ 1,063,890 scf Nitrogen, 21,607 gal 2% KCl, and 66,000# 20/40 sand

PRE-COMMINGLE

Recommended Allocation for Commingle

Well: Jenney 1M

Oil allocation based on cumulative oil production of each interval, Gallup excepted 30-day average production based on Last Few Months of Actual Prod.

(see decline curve tab)

G a s	Zone	Average MCFD	Percentage of total flow
	MV	27	47%
	Gallup	13	22%
	DK	18	31%
	Total	58	100%

O i l	Zone	Cum Bbls of Oil	Percentage of total cum.
	MV	2930	30%
	Gallup	0	0%
	DK	6785	70%
	Total	9715	100%

Recommended allocation for future downhole commingled production

Zone	Gas	Oil
MV	47%	30%
Gallup	22%	0%
DK	31%	70%
Total	100%	100%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
NOBLE ENERGY, INC.

3a. Address
5802 US HIGHWAY 64 FARMINGTON, NM 87402

3b. Phone No. (include area code)
505-632-8056

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**990' FSL, 780' FEL
J Sec 13 - T26N - R4W**

5. Lease Serial No.
JICARILLA CONTRACT #105

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE TRIBE

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

8. Well Name and No.
JENNEY #1M

9. API Well No.
30-039-21513

10. Field and Pool, or Exploratory Area
Basin Dk/Blanco MV/WildHorse Gall

11. County or Parish, State
RIO ARriba CTY, NEW MEXICO

12. CHECK 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other TRI-MINGLE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	PRODUCTION
	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Noble Energy
Basin Dk/Blanco MV, INC. Requests approval to down-hole commingle the subject well. **Patina plans to downhole commingle the Basin Dakota (pool #71599) and Blanco Mesa Verde (pool #72319) and Wild Horse Gallup (pool #87360) pools in this wellbore. The commingling of the pools are pre-approved per NMOC order #11563. This well has been drilled and will be commingled during the completion operations. The completion work will begin upon approval of this commingling request.**

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

Title **REGULATORY/ENGINEERING TECH**

Signature

Date

09/01/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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)

January 14 add

7008 1830 0003 4169 8073

CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com

Postage	\$
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	2.30
Total Postage & Fees	\$

Sent to: _____
Street, Apt. No., or PO Box No. _____
City, State, ZIP+4 _____

Wildcard Family LTD Partnership
P.O. Box 201930
Dallas, Texas 75320-1930

PS Form 3800, August 2006 See Reverse for Instructions

Postmark Here
AUG 30 2010
MILE HIGH STA DENVER CO 80204

7008 1830 0003 4169 8059

U.S. Postal Service™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com

Postage	\$
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	2.30
Total Postage & Fees	\$

Sent to: _____
Street, Apt. No., or PO Box No. _____
City, State, ZIP+4 _____

Headington Oil Company, LLC
The Tower At City Place
2711 N. Haskell Ave., Suite 2800
Dallas, Texas 75204

PS Form 3800, August 2006 See Reverse for Instructions

Postmark Here
AUG 30 2010
MILE HIGH STA DENVER CO 80204

7008 1830 0003 4169 8042

CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com

Postage	\$
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	2.30
Total Postage & Fees	\$

Sent to: _____
Street, Apt. No., or PO Box No. _____
City, State, ZIP+4 _____

Headington Oil Company
7557 Rambler Road, Suite 1100
Dallas, Texas 75231-2305

PS Form 3800, August 2006 See Reverse for Instructions

Postmark Here
AUG 30 2010
MILE HIGH STA DENVER CO 80204

7008 1830 0003 4169 8066

U.S. Postal Service™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com

Postage	\$
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	2.30
Total Postage & Fees	\$

Sent to: _____
Street, Apt. No., or PO Box No. _____
City, State, ZIP+4 _____

JOC Venture
1241 Rear Highland Avenue
Needham, MA 02494

PS Form 3800, August 2006 See Reverse for Instructions

Postmark Here
AUG 30 2010
MILE HIGH STA DENVER CO 80204