3/18/2014 DATE IN	SUSPENSE	RE ENGINEER	3/24/2014 LOGGED IN	DHC TYPE	PMAM1408333240 APP NO

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 _____

- DHC-1784-B
- Chevron Mid Continent, LP 241333

[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

Well
- Rincon Unit 166E 30-039-25483
Pool
- Blanco Pictured Cliffs 72439
- Blanco Mesaverde 72319
- Basin Mancos 97232
- Basin Dakota 71599

[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.

MICHAEL H. FELDEWERT		ATTORNEY	03/18/14
Print or Type Name	Signature	Title	Date

mfeldewert@hollandhart.com
e-mail Address

HOLLAND&HART LLP

Michael H. Feldewert
Recognized Specialist in the Area of Natural Resources - oil and gas law - New Mexico Board of Legal Specialization
mfeldewert@hollandhart.com

March 18, 2014

VIA HAND DELIVERY

Jami Bailey
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Chevron Midcontinent, L.P. for administrative approval to amend Order DHC-1784-A to downhole commingle production from the Basin Mancos Gas Pool (97232) with Basin Dakota Gas Pool (71599), Blanco Pictured Cliffs South Prorated Gas Pool (72439) and Blanco Mesaverde Gas Pool (72319), Rio Arriba County, New Mexico.

Dear Ms. Bailey:

Chevron Midcontinent, L.P. (OGRID 241333) seeks to amend administrative order DHC-1784-A to commingle production from the Basin Mancos Gas Pool (97232) with production from the Basin Dakota Gas Pool (71599), the Blanco Pictured Cliffs South Prorated Gas Pool (72439) and the Blanco Mesaverde Gas Pool (72319) within its **Rincon Unit Well No. 166E** located in SE/4 NW/4 (Unit F) of Section 32, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

Enclosed as **Exhibit A** is a copy of administrative order DHC-1784-A approving downhole commingling of production from the Basin Dakota Gas Pool, the Blanco Pictured Cliffs South Prorated Gas Pool, and the Blanco Mesaverde Gas Pool within the **Rincon Unit Well No. 166E**.

Enclosed as **Exhibit B** is a copy of a completed form C-107-A (application for downhole commingling) with the required attachments.

Since the ownership and percentages between the pools involved are identical, there are no affected parties. However, pursuant to NMAC 19.15.12.11.C(1)(c), a copy of this application has been provided to the Bureau of Land Management and the New Mexico State Land Office by certified mail.

HOLLAND&HART LLP

Your attention to this application is appreciated.

Sincerely,

Michael H. Feldewert

Michael H. Feldewert
ATTORNEY FOR CHEVRON MIDCONTINENT, L.P.

cc: Bureau of Land Management
New Mexico State Land Office

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

Administrative Order DHC-1784-A
Order Date: 3/23/2009
Application Reference Number: pKAA0906253661

CHEVRON MIDCONTINENT, L.P.
15 Smith Road
Midland, TX 79705

Attention: Alan W. Bohling

RINCON UNIT Well No. 166E
API No: 30-039-25483
Unit F, Section 32, Township 27 North, Range 6 West, NMPM
Rio Arriba County, New Mexico

Pool:	BASIN DAKOTA (PRORATED GAS)	Gas 71599
Names:	BLANCO P. C. SOUTH (PRORATED GAS)	Gas 72439
	BLANCO MESAVERDE (PRORATED GAS)	Gas 72359

Reference is made to your recent application for an exception to Rule 12.9A. of the Division Rules and Regulations to permit the above-described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 12.11A., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion or otherwise required separation of the zones is hereby placed in abeyance.

In accordance with Division 12.11A.(6), the production attributed to any commingled pool within the well shall not exceed the allowable applicable to that pool.

Assignment of allowable and allocation of production from the well shall be as follows:

BASIN DAKOTA (PRORATED GAS) Pool	Pct Gas: 35	Pct Oil: 22
BLANCO P. C. SOUTH (PRORATED GAS) Pool	Pct Gas: 45	Pct Oil: 50
BLANCO MESAVERDE (PRORATED GAS) Pool	Pct Gas: 20	Pct Oil: 28

EXHIBIT
tabbies
A

REMARKS: The operator shall notify the Division's district office upon implementation of commingling operations.

Pursuant to Rule 12.11B., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

MARK E. FESMIRE, P.E.
Director

MEF/wvjj

cc: Oil Conservation Division – Aztec
State Land Office - Oil, Gas, and Minerals Division

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St. 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

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

Form C-107A
Revised August 1, 2011

APPLICATION TYPE
__X__Single Well
____Establish Pre-Approved Pools
EXISTING WELLBORE
__X__Yes ____No

APPLICATION FOR DOWNHOLE COMMINGLING

CHEVRON MIDCONTINENT		1400 SMITH STREET HOUSTON TEXAS 77002	
Operator		Address	
E0-3149-0011	Rincon 166E	F-W½ Section 32- 27N-6W	Rio Arriba
Lease	Well No	Unit Letter-Section-Township-Range	County

OGRID No. 241333_ Property Code 302737_ API No. 30-039-25483__ Lease Type ____Federal __x__State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Pictured Cliffs	Blanco Mesaverde	Basin Mancos	Basin Dakota
Pool Code	72439	72319	97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3134'-3154'	4876'-5485'	6889'-6895'	7183'-7570'
Method of Production (Flowing or Artificial Lift)	Now Plunger Future Beam Pump	Now Plunger Future Beam Pump	Beam Pump	Now Plunger Future Beam Pump
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)	NA	NA	NA	NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1172	1172	1172	1172
Producing, Shut-In or New Zone	Producing	Producing	New Zone	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: 11/1/13 Rates: Gas-1423 MCFPD Oil- 0 BOPD	Date: 11/1/13 Rates: Gas- 991 MCFPD Oil- 0 BOPD	Date: Rates:	Date: 11/1/13 Rates: Gas- 1897 MCFPD Oil- 0 BOPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 50 % Gas 45 %	Oil 28 % Gas 20 %	Oil % Gas %	Oil 22 % Gas 35 %

ADDITIONAL DATA

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

Are all produced fluids from all commingled zones compatible with each other? Yes __x__ No ____

Will commingling decrease the value of production? Yes ____ No __x__

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 __x__ 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. SEE ATTACHED
Production curve for each zone for at least one year. (If not available, attach explanation.) SEE ATTACHED
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula. INCREMENTAL METHOD-Any production in addition to the production shown in the curves and reported will be attributed to the Basin Mancos. See attached production curves.
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.

EXHIBIT
tabbies B

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

SIGNATURE [signature] TITLE PE DATE 9/2/14

TYPE OR PRINT NAME James Elkington TELEPHONE NO. (713) 372-9896

E-MAIL ADDRESS elkc@chevron.com

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-25483-00	97232	Basin Mancos

[4] Property Code	[5] Property Name	[6] Well Number
302737	Rincon Unit	166E

[7] OGRID No.	[8] Operator Name	[9] Elevation
241333	Chevron Midcontinent, L.P.	6650'

[10] Surface Location

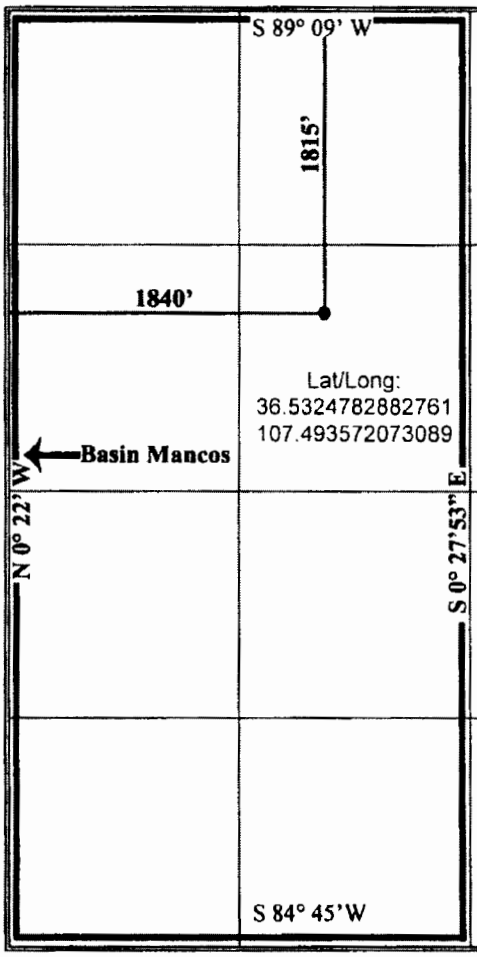
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	32	27N	6W		1815'	North	1840'	West	Rio Arriba

[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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320ac W/2		U	Unitization R-87

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.



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 2/12/14 Date

Jamie Elkington, Production Engineer
Printed Name

ELKI@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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

JULY 16, 1995/ ON FILE @ NMOCD
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number 9672

EXHIBIT
B-1

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	[2] Pool Code	[3] Pool Name
30-039-25483	72439	Blanco, South-Pictured Cliffs

[4] Property Code	[5] Property Name	[6] Well Number
302737	Rincon Unit	166E

[7] OGRID No.	[8] Operator Name	[9] Elevation
241333	Chevron Midcontinent, L.P.	6650'

[10] Surface Location

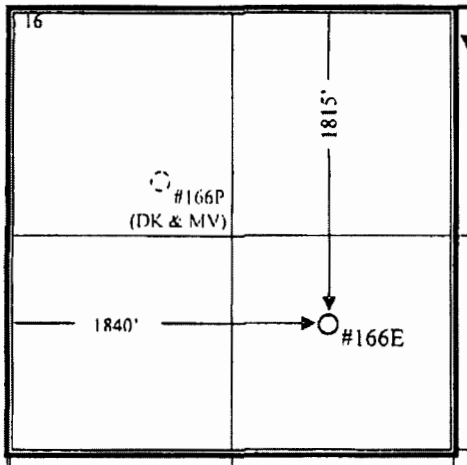
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/~~South~~ line	Feet from the	~~East~~/West line	County
F	32	27-N	06-W		1815	North	1840	West	Rio Arriba

[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]	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
159.74 Pictured Cliffs	Y	U	Unitization

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.



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Alan W. Bohling — February 18, 2009
Signature — Date

Alan W. Bohling – Regulatory Agent
Printed Name

[18] SURVEYOR CERTIFICATION

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

07/16/1992
Date of Survey

Signature and Seal of Professional Surveyor
Cecil B Tullis

9672
Certificate Number

EXHIBIT
B-2
tabbies

Name: RINU 166E DK ID: 30039254830001 Type: Completion Format: [p] Comp - CDProd vs Time

WELL_LABEL:RINU 166E DK	FIELD_CODE:UL5	PROD_METH:PL	LASTOCUM:1.05489000
CHEVNO:BE1703	FIELD:FLD-RINCON	CLASS_CODE:GA	LASTGCUM:560.34700000
SIDETRACK:0	LEASE:RINCON UNIT	SAP_CODE:BCUL5D000	CC_NM:RINCON UNIT DAKOTA PA
COMP_NUM:01	SEC-T-R:32 - N027 - W006	RES_CODE:0000005733	RES:DAKOTA

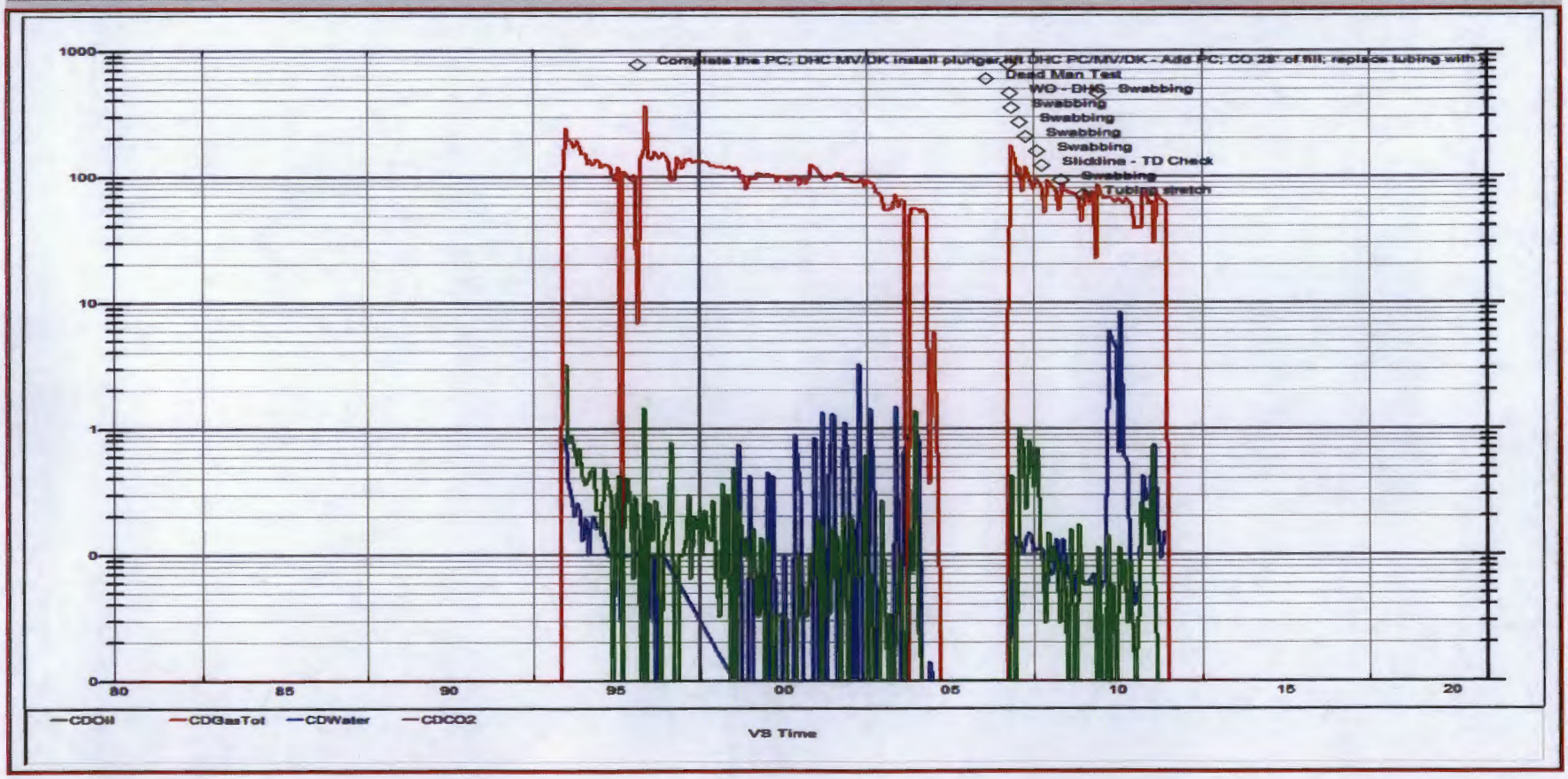


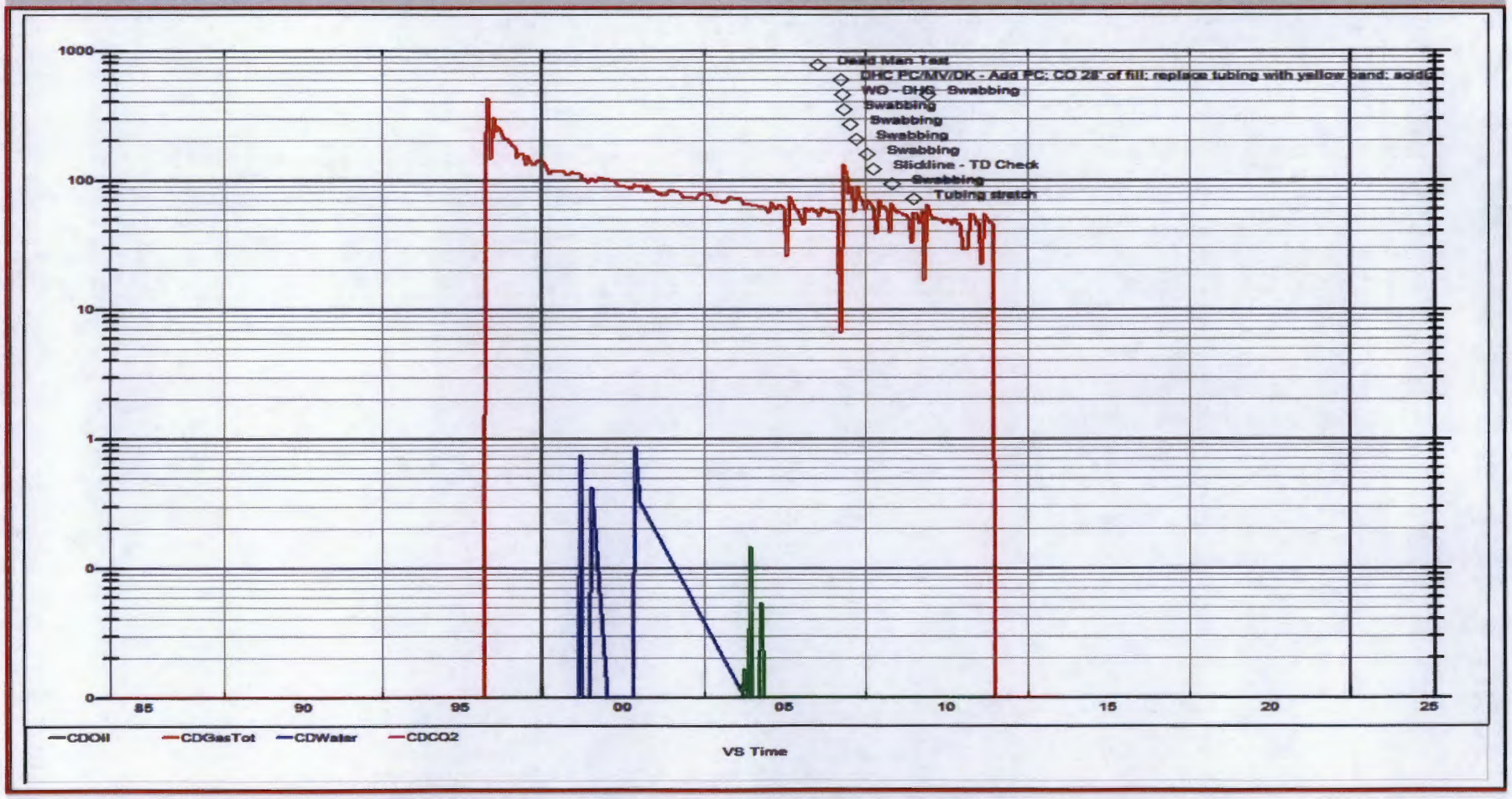
EXHIBIT
tabbies
B-3

Name: RINU 166E MV ID: 30039254830002 Type: Completion Format: [p] Comp - CDProd vs Time

WELL_LABEL:RINU 166E MV	FIELD_CODE:UL5	PROD_METH:PL	LASTOCUM:1.12782000
CHEVNO:BE1703	FIELD:FLD-RINCON	CLASS_CODE:OI	LASTGCUM:402.41700000
SIDETRACK:0	LEASE:RINCON UNIT	SAP_CODE:BCUL5M000	CC_NM:RINCON UNIT - MESA VERDE PA
COMP_NUM:02	SEC-T-R:32 - N027 - W006	RES_CODE:0000007899	RES:MESAVERDE

Name: RINU 166E PC ID: 30039254830003 Type: Completion Format: [p] Comp - CDProd vs Time

WELL_LABEL:RINU 166E PC	FIELD_CODE:UL5	PROD_METH:PL	LASTOCUM:0.00688000
CHEVNO:BE1703	FIELD:FLD-RINCON	CLASS_CODE:GA	LASTGCUM:491.91000000
SIDETRACK:0	LEASE:RINCON UNIT	SAP_CODE:BCUL5P000	CC_NM:RINCON UNIT PICTURED CLIFFS PA
COMP_NUM:03	SEC-T-R:32 - N027 - W008	RES_CODE:0000008492	RES:PICTURED CLIFFS



Procedure

1. Comply w/ all Rio Arriba County, NMOCD and Chevron HES Regulations. On Federal Unit, stay on location.
2. Meet with Lease Operator. Complete Ownership Transfer form. Ensure all LO/TO is completed on well.
3. Uncover casing valves. Check pressure on all casing and tubing strings (including bradenhead). Note pressures on report. Blow down well and kill w/ water if necessary.
4. MIRU workover rig and equipment. Conduct safety meeting w/ all personnel on location. Discuss all potential hazards associated with daily activities, TIF, job awareness, weather conditions, slips-trips-falls, pinch points and job safety.
5. Spot and fill frac tanks. Frac tank count will depend on the frac design.
6. N/D wellhead. N/U spool and 2-3" lines to flow back tank. Blow down well as required.
7. N/U BOP's. MIRU BOP tester. Test BOP's to 250#/1500#. RDMO BOP testers.
8. R/U slick line and pull plunger and bumper spring.
9. RIH with slick line and tag for fill. POOH. Notify engineer of tag depth.
10. RDMO slick line.
11. Drop SV.
12. Pressure test tubing to 1000 psi. Internal Yield Pressure of 2-3/8", 4.7#, J-55 tubing is 7,700 psi (80% is 6,160 psi). If tubing tests it will be used as production string, if it does not test it will be laid down.
13. Retrieve SV with sand line.
14. Rig up tubing handling equipment.
15. POOH with 237 joints of 2-3/8", 4.7#, J-55 tubing and BHA as listed below. Yellow band tubing was run in March-09. Yield strength of 2-3/8", 4.7#, J-55 tubing is 71,730#. Maximum pull is 57,000# (80% yield).

    Visually inspect tubing for wear, scale, and paraffin. Report results to Nick Sherman and Houston.

Tubing Details- as per LOWIS

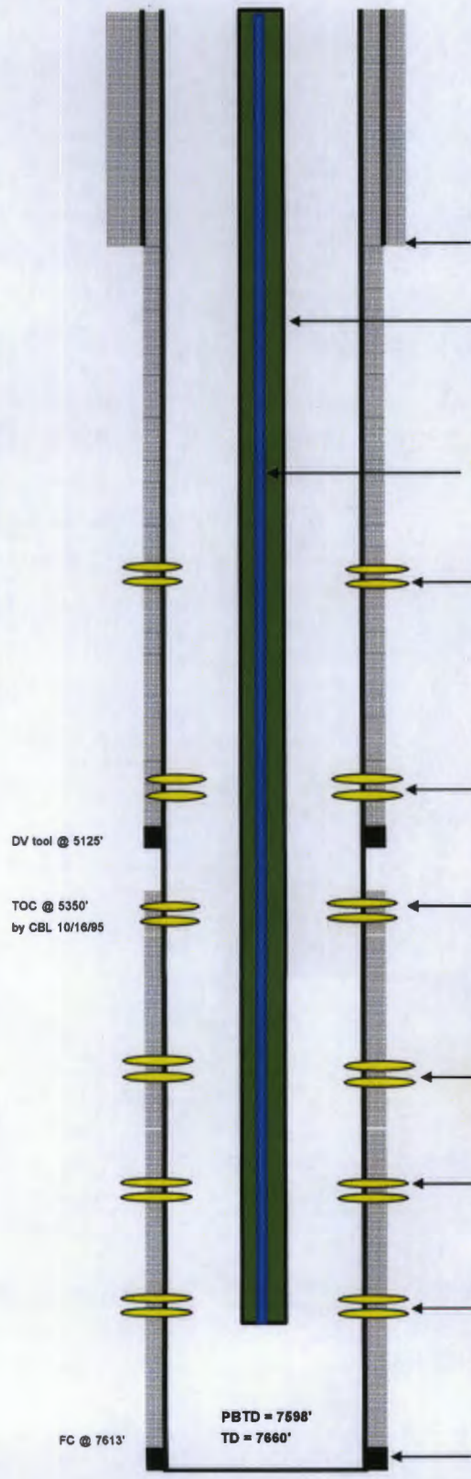
Qty	Item	Length (ft)	Top Depth (ft)
1	2-3/8" J-55 4.7# External Upset	31.68'	14'
1	2-3/8" J-55 Pup Jt	10'	45.68'

237	2-3/8" J-55 4.7# External Upset	7497.28'	55.68
1	2-3/8" Seat Nipple – Heavy Duty	1.10'	7552.96'
1	Wireline Re-entry Guide	0.45'	7554.06'
	EOT @ 7556'		

16. Make sure BOP's are equipped to handle 2-7/8" workstring. If not change out the rams. Pressure test rams 250#/1500#.
17. P/U new 2-7/8" 6.5# L-80 work string. Yield strength is 145,000 lbs (80% is 116,000 lbs). Burst is 10,570 psi (80% is 8,456 psi). Collapse is 11,170 psi (80% is 8,936 psi).Will need 7598' of work string to reach PBTD.
18. P/U and RIH with 6-1/8" bit and scraper on 2-7/8" workstring. C/O to 7,598'. Proposed Tocito Perforations are 6889'-6895'. Top of Graneros is 7356'. Bottom of lower MV is at 5485'.
    a. NOTE: If foam is needed to clean out TOH and L/D scrapper before using air/foam.
19. POOH and lay down bit and scraper.
20. MIRU wire line unit. Install and test lubricator to 1000 psi. P/U and RIH with 7" CBP on wireline. Run CCL and set CBP @ ~6995' (100' below proposed Tocito perforations).
21. POOH with wireline and setting tool.
22. P/U and RIH w/ GR/CCL log. Log 6995' (CBP) to 6200'. Send results to Recompletion Engineer and Production Engineer.
23. Correlate to GR/CCL logs ran 9/19/95
24. P/U SLB 4" HEGS guns with 4 SPF 120 phasing and 41B HyperJet SX1 charges or comparable gun/charges. RIH get on depth and perforate the Tocito formation. Proposed perforations 6889'-6895'.
    a. **NOTE: Confirm perforation depths with Recompletion and Production Engineer.**
25. RDMO wire line unit.
26. P/U 7" packer with two stage equalizing plug on 2-7/8" L-80 workstring used for clean out. TIH and set at 6800'. Pressure test workstring to 4000# (6.50# 2-7/8" L-80 internal yield pressure is 10,570 psi. 80% is 8,456 psi)
27. MIRU slick line unit. RIH and pull equalizing prong and POOH. RIH and pull packer plug.
28. RDMO slick line unit.

29. R/D floors, N/D annular, Set packer and N/U frac mandrel on 7-1/16''BOP's. Install frac head or Y
30. MIRU WSI flow back equipment.
31. MIRU Halliburton Frac. Install and pressure test lines to 4000#. Frac Tocito down the work string per Halliburton design. Record ISIP, 5, 10, and 15 minute shut in pressures.
32. RDMO frac equipment.
33. Flow well back for 24 hrs or until well dies through WSI flow back equipment.
34. MIRU slick line unit.
35. P/U and RIH with pressure bombs on slick line for 24 hour test. Shut in well for 24 hrs.
36. POOH with pressure bombs. Record Pressures and send results to Production Engineer Jamie Elkington.
37. Release the packer and TOH. L/D packer
38. MIRU High Tech air/foam unit for cleanout.
39. P/U and RIH with 6" tri-cone bit and bit sub on 2-7/8" L-80 workstring. Cleanout sand down to the CBP @ 6995'. Drill out CBP. Attempt to cleanout wellbore to PBTD of 7598'.
    a. **NOTE: When drilling out CBP it should take 30 min to 1 hour. Do not drill too fast to avoid getting stuck.**
40. Continue to cleanout wellbore until returns clean up. If scale is present during cleanout, report back to Houston to prepare for an acid treatment.
41. POOH with workstring bit and bit sub laying down.
42. RIH with 2-3/8", 4.7# J-55 or L-80 production tubing and BHA (run new or yellow band L-80 production string depending on how initial J-55 production tubing looked and tested). Land depth ~7556'. Confirm BHA design with ALCR.
43. N/D BOP and N/U wellhead.
44. Rig up Baker and pump ½ drum of corrosion inhibitor down the tubing and ½ drum of corrosion inhibitor down the casing chase each with 5 bbls of water.
45. RIH with new pump on 3/4" rod string. Space out pump.
46. Seat pump, load tubing and test to 500 psi.
47. RDMO workover rig and equipment, and clean location.
48. Notify facilities, production personnel in field office and contact pumper that well is ready for pumping unit installation. Complete Ownership Transfer form.
49. Turn over to production.

Rincon 166E
Rio Arriba County, New Mexico
PROPOSED



API: 30-039-25483
Legals: Sec 32- Town 27N- Range 6W
Field: Basin Dakota/ Blanco Mesaverde/ Blanco Pictured Cliffs

KB 14' GR
Elev 6650'
KB Elev 6664'
Spud: 9/9/95

Surface Casing:
9-5/8" 36# K-55 ST&C csg landed @ 370' in 12-1/4" hole
Cmt w/ 225 sks class G. Circ to Surface

Tubing Details 4/13/2009:
1 Jt 2-3/8", 4.7#, J-55 (31.68')
Pup Jt 2-3/8", 4.7#, J-55 (10.25')
237 Jts 2-3/8", 4.7#, J-55 (7497.28')
Seating Nipple (1.1')
Wireline Re-Entry Guide (0.2')
EOT = 7556'

PROPOSED ROD AND PUMP DETAILS

Pictured Cliff Perfs: 3/7/98
3134-3154'
2 SPF, .37", 40 holes
Frac w/ 417 bbls 70Q N2 foam
20# linear gel w/ 134,800# 20/40 Arizona
1580-1370#, avg press 1450#, 25 BPM, ISIP 1450#

Acidized 4/6/2009
800 gals foamed 15% FE-HCL
ISIP = Vacuum

Upper Mesaverde Perfs: 10/26/95
4876-84', 4934-90'
4" gun, 2 SPF 90° phasing, 23g
Frac w/ 936 bbls slickwater & 30M# 16/30 Brady
60-45 BPM, 1-2.5 ppg, 3800-2800#, avg press 2800#
Screened out w/ 30M# in formation (47M pumped)

Acidized 4/6/2009
2600 gals foamed 15% FE-HCL
ISIP = 1323 psi

DV tool @ 5125'

TOC @ 5350'
by CBL 10/16/95

Lower Mesaverde Perfs: 10/26/95
5364-67', 5374-77', 5393-96', 5409-13', 5446-50', 5453-56', 5459-63', 5482-85'
4" gun, 1 SPF, 23g
Frac w/ 1537 bbls slickwater & 61M # 16/30 Brady
60 BPM, 1-2.5 ppg, 1270-2700#, avg press 1950
ISIP 400#

Acidized 4/6/2009
1080 gals foamed 15% FE-HCL
ISIP = 62 psi

PROPOSED BASIN MANCOS PERF'S (6889'-6895') FRAC

Graneros Perfs: 10/25/95
7366-68', 7398-404'
4" csg gun, 2 SPF, 90° phasing, 23 g
Frac w/ 900 bbls YF 135 gel & 94,500# 20/40 Ottawa

Dakota Perfs: 10/24/95
7483-94', 7528-32', 7536-44', 7554-70'
4" csg guns, 2 SPF, 90° phasing, 23g
Frac w/ 1830 bbls YF 135 gel & 200M # 20/40 Ottawa
30 BPM, 960-2500 press, avg press 1900#, ISIP 2150#

Acidized 4/6/2009
1600 gals foamed 15% FE-HCL
ISIP = 920 psi

PBTD = 7598'
TD = 7660'

FC @ 7613'

Production Casing:
7" 23# & 26# K-55 LT&C csg @ 7658' in 8-3/4" hole
Cmt 1st stage: 450 sks 50/50 poz, tailed w/ 175 sks "G"
Lost circ @ 160 Bbls displacement, then full returns @ 240 Bbls
Cmt 2nd stage: 300 sks 65/35 Poz, 250 sks 50/50 Poz, tailed w/ 175 sks "G"
Circ 100 sks cmt to surface

Prepared by: Michael Murray
Date: 7/31/2008

Revised by: Jamie Elkington
Date: 7/26/2013

EXHIBIT
B-5