

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.

Print or Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 e-mail Address \_\_\_\_\_

**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  TITLE Senior Operations Technician DATE 2-13-06  
TYPE OR PRINT NAME Melisa Zimmerman TELEPHONE NO. ( 405 ) 552-7917  
E-MAIL ADDRESS melisa.zimmerman@dvn.com

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

District II  
1301 W. Grand Avenue, Artesia, NM 88210

**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

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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

2006 FEB 23 PM 1:41 APPLICATION FOR DOWNHOLE COMMINGLING

**DAC-3660**

Devon Energy Production Co., L.P. Operator Address

Northeast Blanco Unit Lease Well No. 219M Unit I, Sec. 30, T31N, R6W Unit Letter-Section-Township-Range Rio Arriba County

OGRID No. 6137 Property Code 19641 API No. 30-039-29597 Lease Type: Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<del>UNDES</del> Rosa Pictured Cliffs		Blanco Mesaverde
Pool Code	96175		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3706'-3799'		4709'-5832'
Method of Production (Flowing or Artificial Lift)	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	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: 12-19-05 Rates: 0 bbo, 430 MCF, 0 bbw	Date: Rates:	Date: 11-14-05 Rates: 0 bbo, 1.4 Mcf, 0 bbw
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 %	Oil % Gas %	Oil % Gas %

**ADDITIONAL DATA**

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

**Jones, William V., EMNRD**

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**From:** Zimmerman, Melisa [Melisa.Zimmerman@dmv.com]  
**Sent:** Friday, March 17, 2006 7:46 AM  
**To:** Jones, William V., EMNRD  
**Subject:** RE: DHC application: NEBU #219M

Good morning Mr. Jones,

Please see the following response to your earlier email, should you still have any questions please feel free to contact me and I will get them answered as quickly as possible.

- 1.) The initial production from the Mesaverde in the #219M was reported as 1,400 MCFD rather than 1.4 MCFD. Therefore, this zone is economic.
- 2.) We will most likely have few, if any, additional commingled applications in the Rosa-Pictured Cliffs field. Therefore, we will not request a hearing for pre-approval commingles in this field.
- 3.) The allocation of production will be done as follows:

The two zones will be produced separately for a minimum of 90 days. The Mesaverde will produce up the tubing and the Pictured Cliffs will produce up the tubing-casing annulus. The type curve constructed for each zone will then be fitted to the 90-day production test data for each zone. Once fitted, the type curves will then be used to forecast future monthly production rates for the life of each zone. **The zones will then be commingled.** Monthly commingled production will then be allocated to each zone based the ratio of the forecast production rates for each zone for that month.

For example, if in any given future month the Mesaverde was forecast from its type curve to make 750 MCFD and the Pictured Cliffs was forecast from its type curve to make 250 MCFD, then the actual commingled production for that month would be allocated 75% to the Mesaverde and 25% to the Pictured Cliffs. Allocations will change monthly (although the month-to-month changes will be relatively small).

This allocation method is required because production from the two zones decline differently as evidenced by their type curves. A constant percentage allocation would not be adequate because ownership differs in the two zones.

Sincerely,

Melisa Zimmerman

**From:** Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]  
**Sent:** Tuesday, February 28, 2006 9:08 PM  
**To:** Zimmerman, Melisa  
**Cc:** jamesbruc@aol.com; Ezeanyim, Richard, EMNRD; Hayden, Steven, EMNRD  
**Subject:** DHC application: NEBU #219M

Hello Ms. Zimmerman:  
The Division in Santa Fe

3/17/2006

Your production shown for this well in the Mesaverde is only 1.4 Mcf per day. Is this economical or will the much higher PC (430 Mcf/Day) production overpower this Mesaverde and actually lose reserves? It seems the 1.4 Mcf lower interval should be plugged off with a cast iron bridge plug.

Is this the first of many applications to come? If so, please note that the rules say that all revenue interest owners must be notified. Your cover letter says "working interest" owners. Let me know if all revenue interest owners were notified.

Your notice should also be easy for them to understand. Please explain in layman's terms how you intend to accurately allocate production between pools. Your method of allocation seems well thought out, but please let me know in layman's terms how this well will be allocated. Is the 90 day testing to be done with every well to be DHCed in this NEBU? How is the 90 day test results to be applied to the type curves?

Your letter to the "working interest" owners says these are pre-approved pools, but I could not find evidence of any pre-approval of these two pools. The approval of Downhole commingling must be by way of form C-107A and not form C-103. It looks like your notice letter to the owners is incorrect and misleading in that regard. Please correct these items in any future correspondence to your owners concerning commingling. You do NOT have to re-notice all these owners for this particular commingle.

Is there a Division order already governing any Downhole Commingling within this NEBU?

If notice to all interest owners is too onerous in the case of multiple downhole commingles, then Devon should present its case at a Division hearing to pre-approve commingling of any well in the NEBU in these two pools. Please talk to your attorney about this and let me know what you have decided. This would ensure that you can use your nice type curves and a simplified individual well testing method and you - as the regulatory person - would NOT have to notify all revenue interest owners for every single commingle application.

I am copying your attorney, Mr. James Bruce concerning this issue. Please contact him and reply to these questions.

Regards,

William V. Jones PE

Engineering Bureau

Oil Conservation Division

Santa Fe

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3/17/2006



ENERGY PRODUCTION COMPANY, L.P.

20 North Broadway, Suite 1500  
Oklahoma City, Oklahoma 73102-8260

Telephone: (405) 235-3611  
Facsimile: (405) 552-4667

January 20, 2006

IN RE: Permit to Down-hole Commingle  
NEBU #219M, API # 30-045-29597  
NE SE 2,215' FSL & 830' FEL  
Sec. 30, T31N, R6W  
Rio Arriba County, New Mexico

VIA CERTIFIED MAIL

To all Working Interest Owners:

In accordance with the New Mexico Oil Conservation Division Rule 303.C governing down hole commingling, you are hereby notified that Devon Energy Production Company, L.P., as operator of the above-captioned well, intends to down-hole commingle production from the Pictured Cliffs and Blanco Mesaverde pools. These pools are pre-approved for commingling by the State of New Mexico Oil Conservation Division of the Energy, Minerals and Natural Resources Department. As such Devon Energy is required to submit application to the OCD on form C-103 (Sundry Notice) of our intent to commingle the two zones.

The Pictured Cliffs and Blanco-Mesaverde will be completed and tested simultaneously to establish a production potential. The production from the Pictured Cliffs and the Blanco-Mesaverde will be allocated on a production trend based formula which has been approved by the NMOCD. A "Method of Allocation" explanation has been enclosed with this notice.

Please direct inquiries regarding this matter to the undersigned at (405) 552-7917

Sincerely,  
DEVON ENERGY PRODUCTION COMPANY, L.P.

Melisa Zimmerman  
Senior Operations Technician

**Method of Allocation**

Devon Energy recommends the following procedure to allocate downhole commingled production between the Blanco-Mesaverde and the Fruitland Pictured Cliffs pools within the Northeast Blanco Unit:

- The Mesaverde and Fruitland Pictured Cliffs formations will be completed simultaneously.
- A single 2-3/8" tubing string will be run in the well, with a packer isolating the two horizons.
- The Mesaverde completion will be produced up the tubing string.
- The Fruitland Pictured Cliffs completion will be produced up the 2-3/8" x 4-1/2" annulus.
- Production from each zone will be measured separately using a 3 phase metering device prior to flowing through a mutual production separator. Total well stream gas will be measured using a conventional orifice plate meter tube located downstream of the production separator.
- The completions will be flow tested separately for approximately 90 days to establish a stabilized rate and trend.
- Following the testing period the packer will be removed and the two pools will be downhole commingled. Total well production will flow through common surface facilities and total produced gas will be measured.
- Production will be allocated between the Mesa Verde and Fruitland Pictured Cliffs intervals by applying the variable percentage schedule to the daily total well production.

The Variable Percentage Schedule was derived using Mesa Verde and Fruitland Pictured Cliffs production type curves. These type curves were generated by normalizing production data from surrounding wells. The variable percentage schedule is required due to the dissimilar decline trends exhibited by the Mesa Verde and Fruitland Pictured Cliffs. Figure 1 depicts a typical Mesa Verde – Fruitland Pictured Cliffs production allocation. The actual percentages will vary from well to well, depending on well productivity.

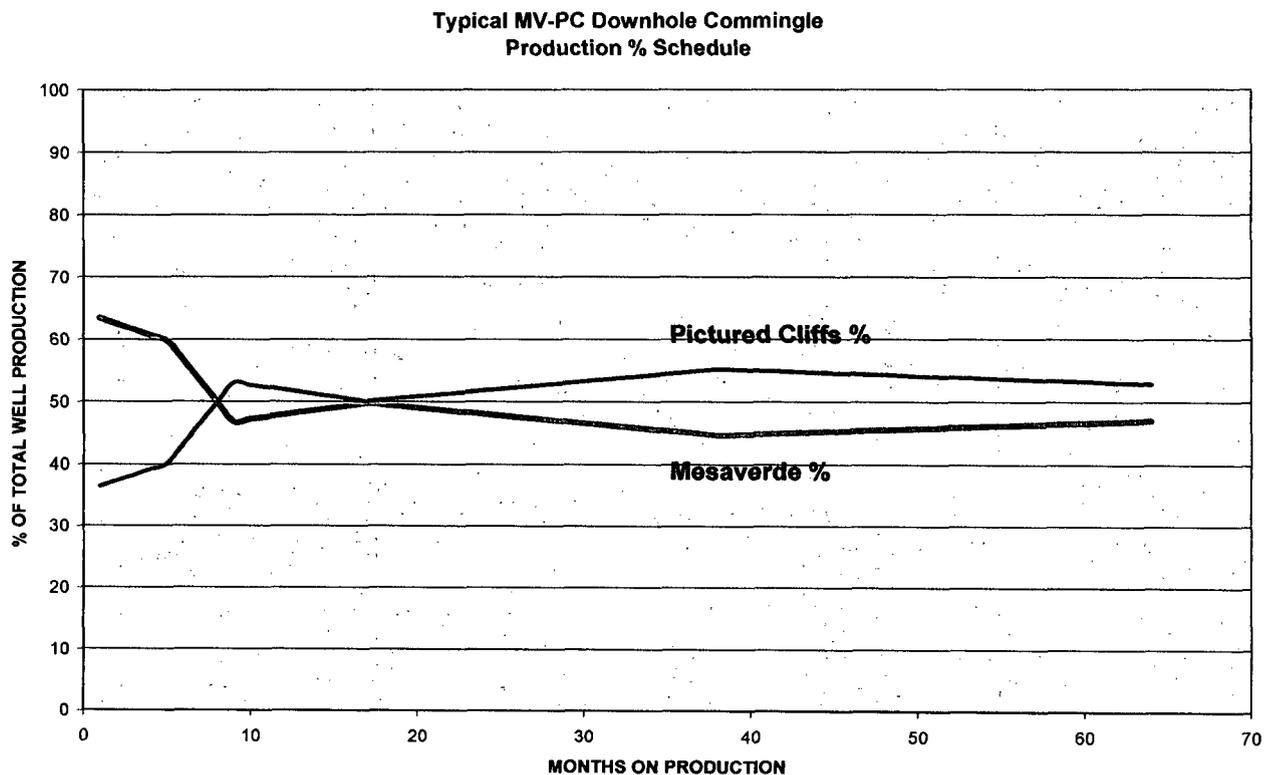


Figure 1

The Fruitland Pictured Cliffs type curve was generated from normalized production of 15 offsetting Fruitland Pictured Cliffs producers. The Fruitland Pictured Cliffs type curve clearly defines the decline rate for the life of a well. Comparison of this type curve with the production schedule obtained by using flow test data demonstrates the reliability of this method for projecting production. (See Figure 2) The curve covers a five year period with a variance in cumulative normalized production of only 0.8%.

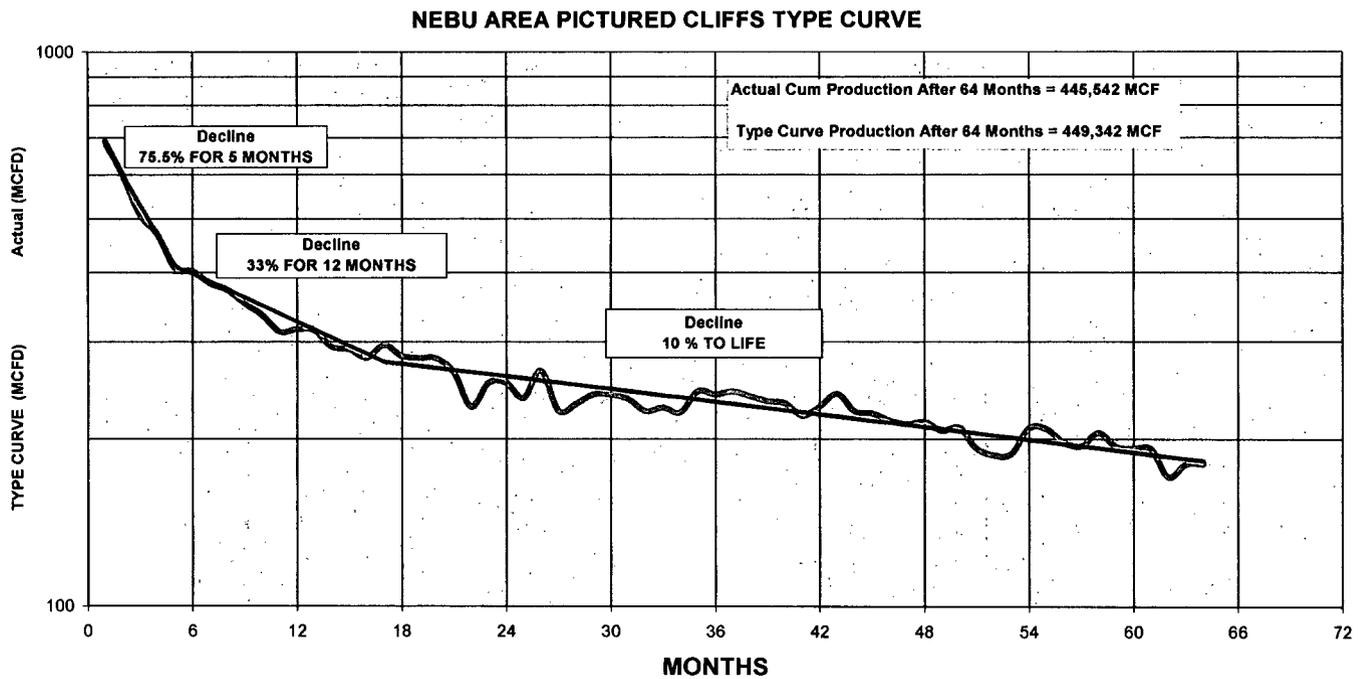


Figure 2

The Blanco – Mesa Verde type curve was generated from normalized production of 12 offsetting Blanco-Mesaverde producers. Comparisons of this type curve with the production schedule obtained by using flow test data flow test data demonstrates the reliability of this method for projecting production. (See Figure 3) The curve covers a five year period with a variance in cumulative vs normalized production of only 1.1%.

### NEBU AREA MESAVERDE TYPE CURVE

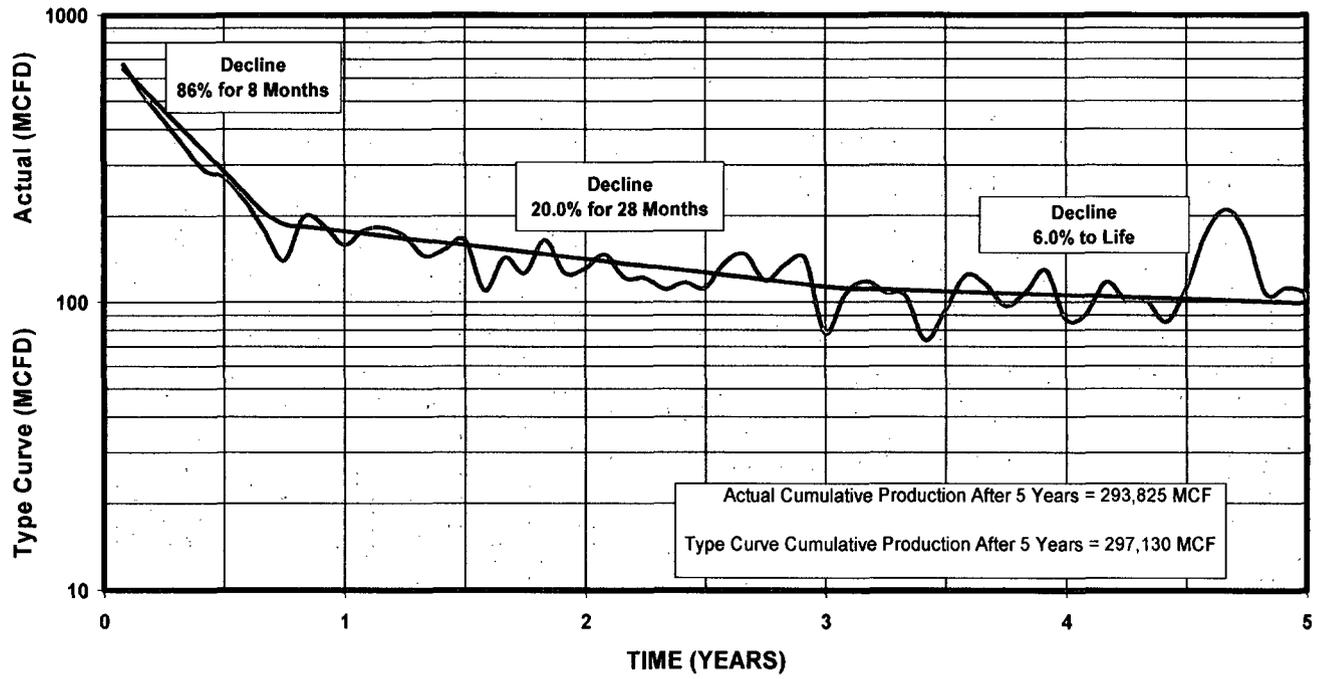


Figure 3

**NORTHEAST BLANCO UNIT – PC 219M  
WORKING INTEREST OWNERS**

Burlington Resources Oil & Gas Co.  
P. O. Box 4289  
Farmington, New Mexico 87499-4289  
Attn: Cheryl

ConocoPhillips Company  
WL3-5058  
P. O. Box 2197  
Houston, Texas 77252-2197  
Attn: Todd L. Thornburgh

**NOTE:**

Devon Energy, B&N Co., and BN Non-Coal  
REQUIRES NO NOTIFICATION; THEREFORE NOT LISTED ABOVE

**NORTHEAST BLANCO UNIT - MESAVERDE  
WORKING INTEREST OWNERS**

**Cheryl  
Burlington Resources Oil & Gas Co.  
P. O. Box 4289  
Farmington, NM 87499-4289**

**John Larson  
BP America Production Company  
PO Box 3092 Room 19.158 WL1  
Houston, TX 77253-3092**

**Todd L. Thornburgh  
ConocoPhillips Company  
600 North Dairy Ashford (77079-6651)  
WL3-5058  
P. O. Box 2197  
Houston, TX 77252-2197**

**Castle, Inc.  
502 Keystone Drive  
Warrendale, PA 15086**

**T. H. McElvain Oil & Gas Ltd. Partnership  
McElvain Oil & Gas Properties, Inc., GP  
1050 17<sup>th</sup> Street, Suite 1800  
Denver, CO 80265**

**NOJV Manager – John Temple  
Four Star Oil & Gas Company  
c/o Chevron Texaco  
P. O. Box 36366  
Houston, TX 77236**

**Jane P. Ladouceur  
109 Longsford  
San Antonio, TX 78209**

**Charles E. Kelly, Ph.D.  
895 Technology Blvd., Suite 201  
Bozeman, MT 59718-6855**

**Robert E. Zimmerman, Jr.  
1616 S. Voss, Suite 875  
Houston, TX 77057**

**Charles W. Gay  
c/o James M. Raymond, AIF  
P. O. Box 291445  
Kerrville, TX 78029-1445**

**Lorrayn Gay Hacker  
c/o James M. Raymond, AIF  
P. O. Box 291445  
Kerrville, TX 78029-1445**

**James M. Raymond, Trustee  
Maydell Miller Mast Trust  
P. O. Box 291445  
Kerrville, TX 78029-1445**

**James M. Raymond  
J & M Raymond, Ltd.  
Raymond & Sons I, LLC, GP  
P. O. Box 291445  
Kerrville, TX 78029-1445**

**Susanna Phillips Kelly  
P. O. Box 147  
Cameron, MT 59720**

**Susanna P. Kelly Jr  
8383 Chapman Road  
Bozeman, MT 59715**

**Andrew B. Kelly, Jr.  
2575 Sunset Drive  
Atlanta, GA 30345**

**Ken McPhee  
Wiser Oil Company  
c/o Forest Oil Corporation  
1600 Broadway, Suite 2200  
Denver, CO 80202**

**George Cox  
XTO Energy Corp.  
810 Houston Street  
Fort Worth, TX 76102**

**McAfee Oil and Gas LLC  
P.O. Box 1087  
Norman, OK 73070-1087**

**Kona, LTD  
16800 Imperial Valley Dr., Suite 270  
Houston, TX 77060**

**Bryan Basham  
Diverse Energy Investments  
1001 McKinney, Suite 520  
Houston, TX 77002**

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., 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 and Natural Resources

Form C-103  
 Revised June 10, 2003

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

WELL API NO. 30-039-29597
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Northeast Blanco Unit
8. Well Number 219M
9. OGRID Number 6137
10. Pool name or Wildcat Blanco Mesaverde / Rosa PC

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Devon Energy Production Company, L.P.

3. Address of Operator  
 PO Box 6459, Navajo Dam, NM 87419

4. Well Location  
 Unit Letter I : 2,215' feet from the South line and 830' feet from the East line  
 Section 30 Township 31N Range 6W NMPM County Rio Arriba

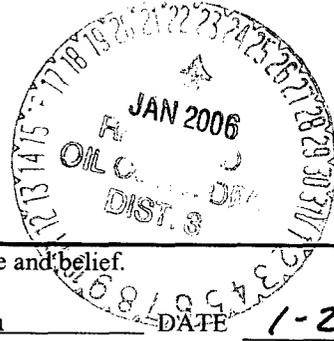
11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 GR 6,485'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPLETION <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: Down-hole Commingle <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Approval is requested to down-hole commingle production from the Pictured Cliffs and Blanco Mesaverde zones at an unspecified future date. Please refer to the attached exhibits.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
 SIGNATURE M.S. Zimmer TITLE Sr. Operations Tech DATE 1-20-06

Type or print name: Melisa Zimmerman E-mail address: Melisa.zimmerman@dvn.com Telephone No.: (405)552-7917

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of approval, if any:

District I  
 PO Box 1980, Hobbs NM 8241-1980  
 District II  
 PO Drawer KK, Artesia, NM 87211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-102  
 Revised February 21, 1994

OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Instructions on back  
 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		
		72319/96175		Blanco Mesaverde / Rosa Pictured Cliffs		
4 Property Code		5 Property Name			6 Well Number	
19641		NEBU			# 219M	
7 OGRID No.		8 Operator Name			9 Elevation	
6137		Devon Energy Production Company, L.P.			6485	

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
I	30	31 N	6 W		2215	SOUTH	830	EAST	Rio Arriba

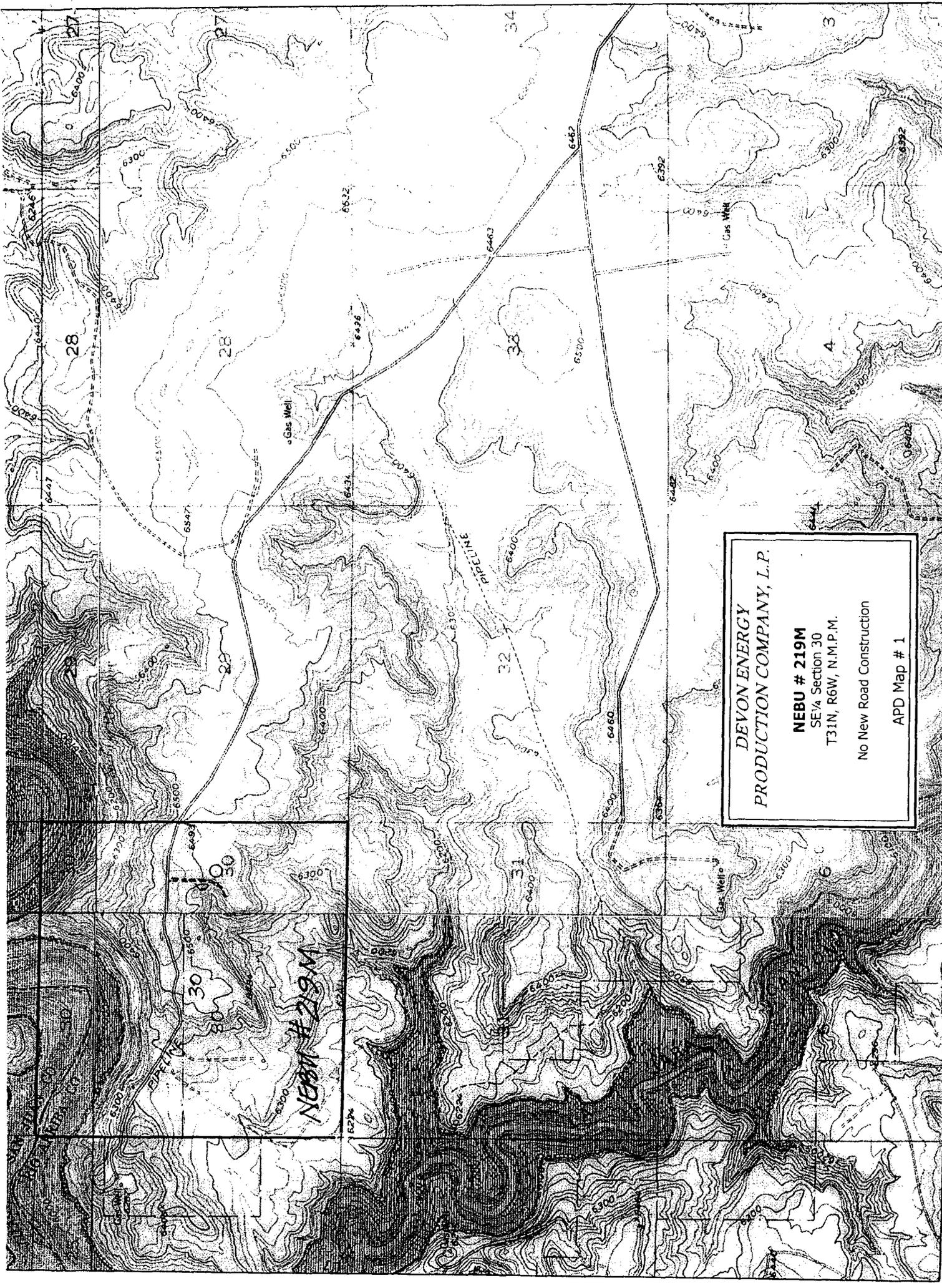
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	31 N	6 W		1015	SOUTH	830	EAST	Rio Arriba

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

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

16	5271(R)		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  M.S. Zimmerman Signature Melisa Zimmerman Printed Name Sr. Operations Technician Title 10-30-05 Date
	30 Bottom Hole Location 1015' F/SL 830' F/EL Azimuth - 179°59' 1200 830' 2215'		
5280(R)	5272(R)		



*DEVON ENERGY  
 PRODUCTION COMPANY, L.P.*

**NEBU # 219M**  
 SE 1/4 Section 30  
 T31N, R6W, N.M.P.M.

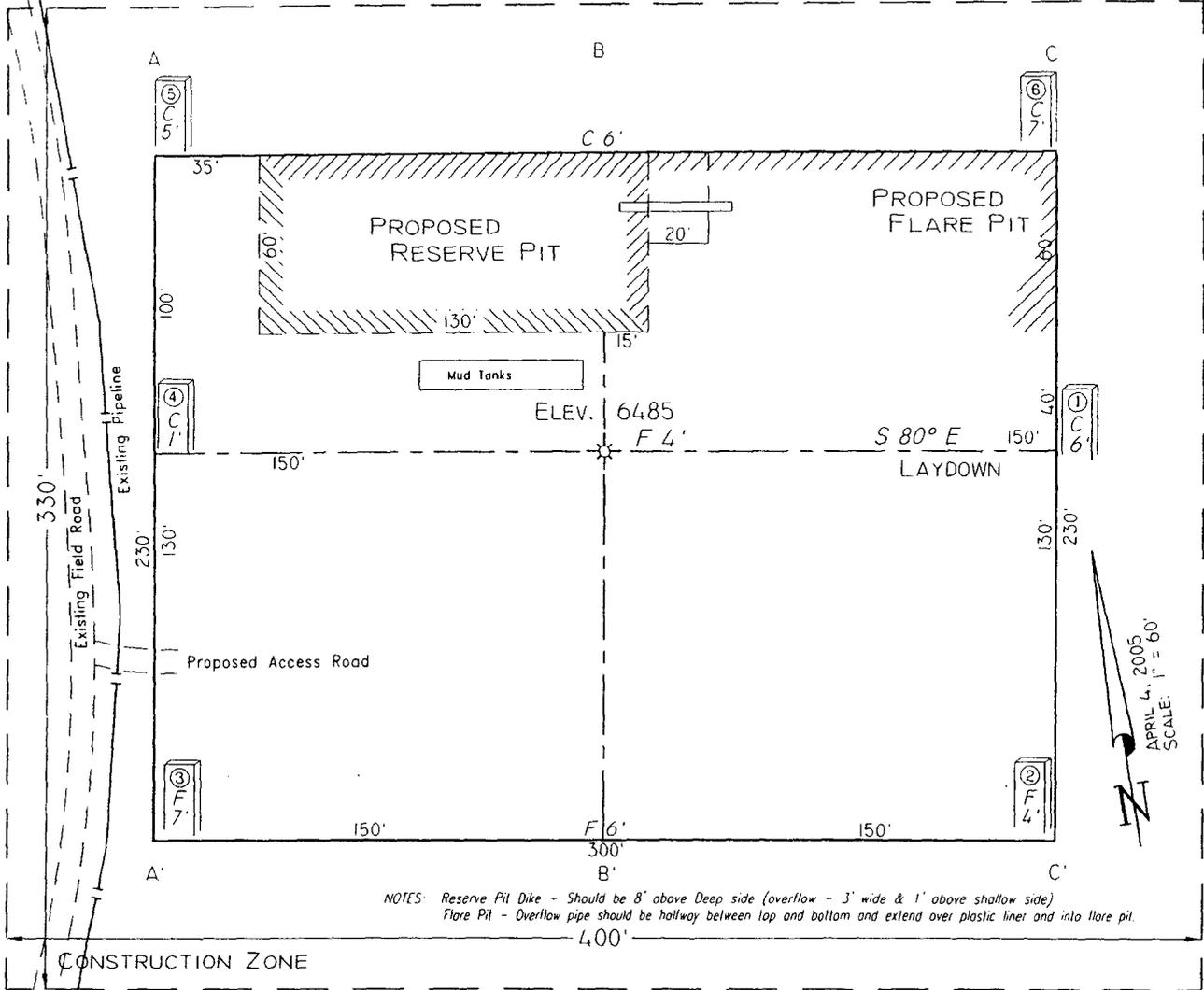
No New Road Construction

APD Map # 1

PAD LAYOUT PLAN & PROFILE  
 DEVON ENERGY PRODUCTION COMPANY, L.P.

Nebu # 219M  
 2215' F/SL 830' F/EL  
 SEC. 30, T31N, R6W, N.M.P.M.  
 RIO ARRIBA COUNTY, NEW MEXICO

Lat: 36.8694°  
 Long: 107.4981°  
 Lat: 36°52'10"  
 Long: 107°29'53"

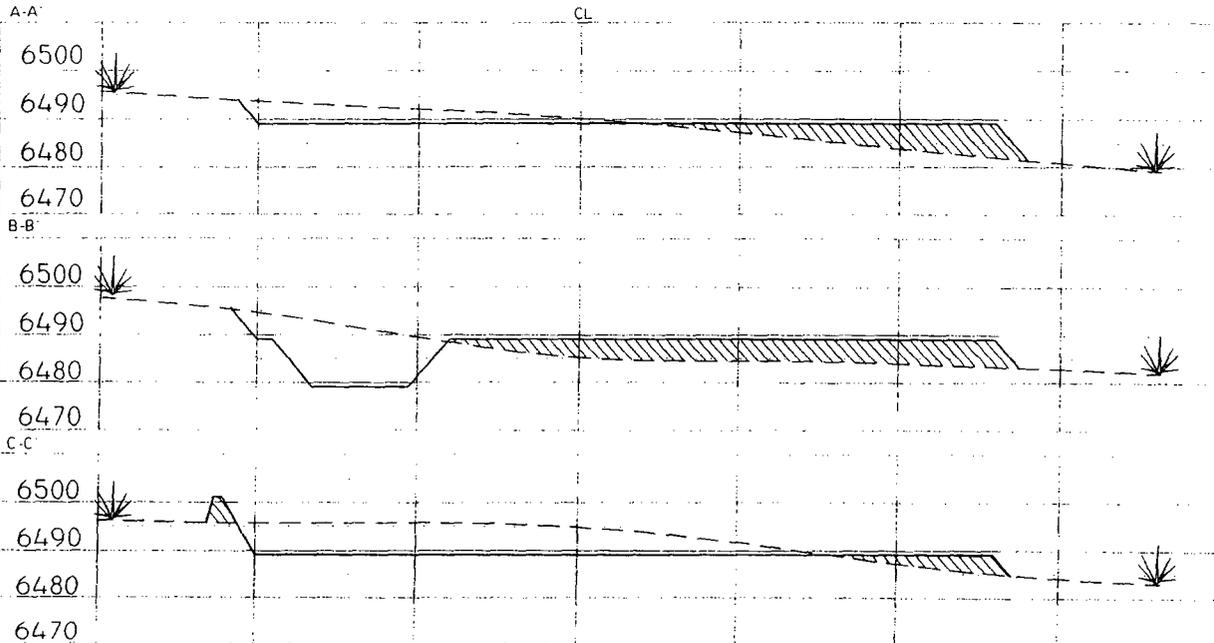


NOTES: Reserve Pit Dike - Should be 8' above Deep side (overflow - 3' wide & 1' above shallow side)  
 Flare Pit - Overflow pipe should be halfway between top and bottom and extend over plastic liner and into flare pit.

CONSTRUCTION ZONE

Area of Construction Zone - 330'x400' or 3.03 acres, more or less.

SCALE: 1"=60'-HORIZ.  
 1"=4.0'-VERT.



NOTE Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction

Cuts and fills shown are approximate - final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for sideslopes and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS  
 P. O. Box 1306  
 Farmington, NM

