

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 APR 26 PM 1:48

1a. Type of Work DRILL	5. Lease Number SF-079321-A Unit Reporting Number 210 FARMINSTON NM	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator Conoco Phillips	7. Unit Agreement Name San Juan 28-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #183F	
4. Location of Well Surf: Unit H (SENE), 1655' FNL & 975' FEL, BH: Unit I (NESE), 2150' FSL & 660' FEL Surf: Latitude 36° 36.3373 N Longitude 107° 31.1236 W BH: Latitude 36° 36.1070 N Longitude 107° 31.0669 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T27N, R7W API # 30-039-30257	
14. Distance in Miles from Nearest Town 23 miles to Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	17. Acres Assigned to Well DK & MV - 319.40 - (E/2)	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 150' to San Juan 28-7 #284.		
19. Proposed Depth 7206'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6134' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	SEE ATTACHED FOR CONDITIONS OF APPROVAL	
24. Authorized by: Rhonda Rogers (Regulatory Assistant)	4-26-07 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

7-17-07

B

BH

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

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

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

Form C-102

Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2007 APR 26 PM 1:48
AMENDED REPORT

RECEIVED

BLM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 30257		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 31739		*Property Name SAN JUAN 28-7 UNIT			*Well Number 183F
*GRID No 217817		*Operator Name CONOCOPHILLIPS COMPANY			*Elevation 6134'

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
H	1	27N	7W		1655	NORTH	975	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
I	1	27N	7W		2150	SOUTH	660	EAST	RIO ARriba

¹² Dedicated Acres 319.40 Acres - (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
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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>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</p> <p><i>Virgil E. Chavez</i> Signature Virgil E. Chavez Printed Name Projects & Operations Lead Title 9/26/06 Date</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>Date of Survey: JUNE 9, 2006</p> <p>Signature and Seal of Professional Surveyor</p> <div></div> <p><i>Jason C. Edwards</i> Certificate Number 15269</p>	

Office

Energy, Minerals and Natural Resources

May 27, 2004

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-039-30257

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

SF-079321-A

7. Lease Name or Unit Agreement Name

San Juan 28-7 Unit

8. Well Number

183F

9. OGRID Number

217817

10. Pool name or Wildcat

Basin DK/Blanco MV

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

ConocoPhillips

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter H : 1655' feet from the North line and 975 feet from the East line
Section 1 Township 27N Rng 7W NMPM County Rio Arriba

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

6134

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type New Drill

Depth to Groundwater

<50

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

Synthetic

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

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.

New Drill, Lined:

ConocoPhillips proposes to construct a new drilling pit and an associated vent/flame pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flame pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Regulatory Assistant

DATE

11/3/06

Type or print name

Rhonda Rogers

E-mail address:

rhonda.s.rogers@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

AUG 17 2007

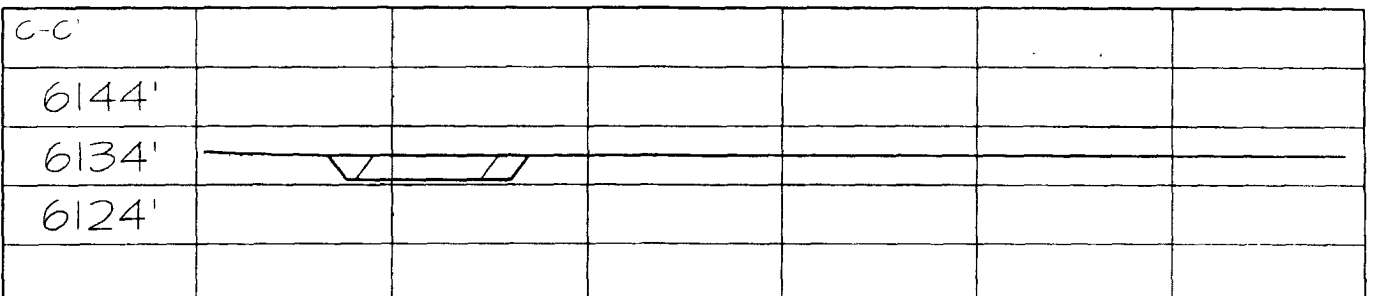
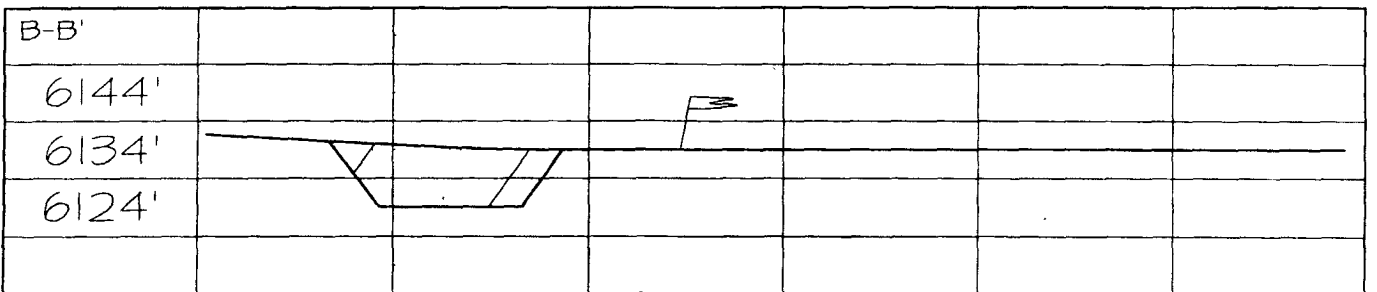
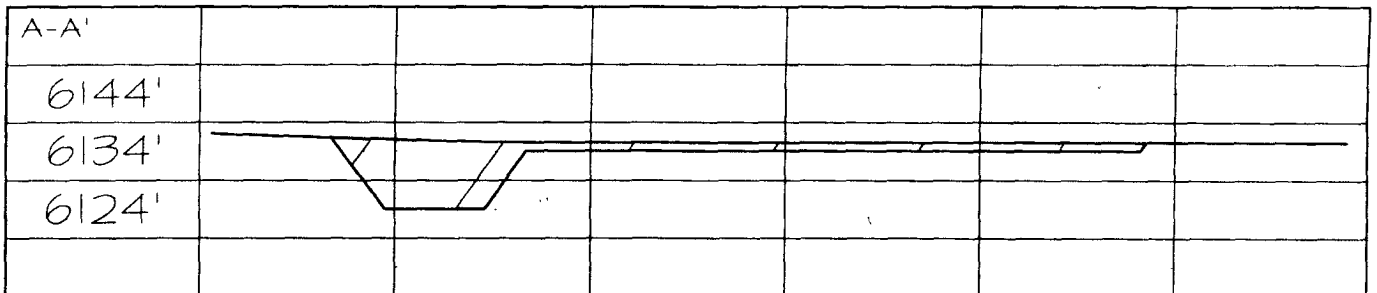
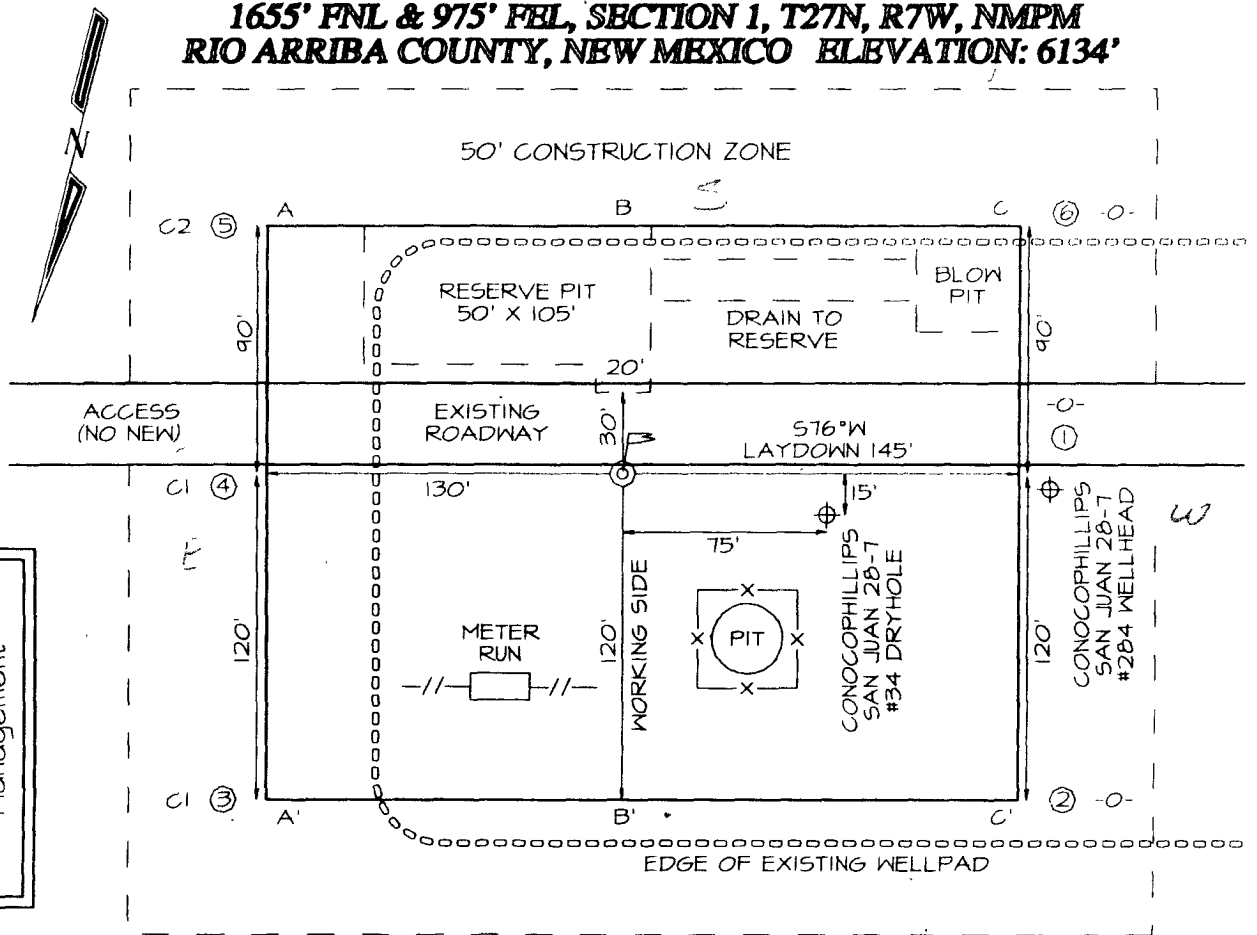
Conditions of Approval (if any):

CONOCOPHILLIPS COMPANY SAN JUAN 28-7 UNIT #183F
1655' FNL & 975' FEL, SECTION 1, T27N, R7W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6134'

LATITUDE: 36.60563° N
LONGITUDE: 107.51933° W
 DATUM NAD1983

PLAT NOTE:

SURFACE OWNER
 Bureau of Land
 Management



PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-7 UNIT 183F

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7163		AFE \$:	
Field Name: 28-7		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Glaser, Terry J		Phone: (832)486-2332		Prod. Engineer: Fontenot, Jessie C	
Res. Engineer: Johnson, Tom B.		Phone: (832)-486-2347		Proj. Field Lead: Fransen, Eric E.	
				Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				
R20076	DAKOTA(R20076)				
Location: Surface					
Datum Code: NAD 27		Deviated			
Latitude: 36.605622	Longitude: -107.518725	X:	Y:	Section: 01	Range: 007W
Footage X: 975 FEL	Footage Y: 1655 FNL	Elevation: 6134	(FT)	Township: 027N	
Tolerance:					
Location: Bottom Hole					
Datum Code: NAD 27		Deviated			
Latitude: 36.601783	Longitude: -107.517782	X:	Y:	Section: 01	Range: 007W
Footage X: 660 FEL	Footage Y: 2150 FSL	Elevation:	(FT)	Township: 027N	
Tolerance:					
Location Type: Year Round		Start Date (Est.):		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6150 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	213	5937	<input type="checkbox"/>		
OJAM	2000	4150	<input type="checkbox"/>		
KRLD	2150	4000	<input type="checkbox"/>		
FRLD	2560	3590	<input type="checkbox"/>		
PCCF	2810	3340	<input type="checkbox"/>		
LEWS	3010	3140	<input type="checkbox"/>		
CHRA	3750	2400	<input type="checkbox"/>		
Intermediate Casing	4200	1950	<input type="checkbox"/>		
CLFH	4449	1701	<input checked="" type="checkbox"/>	1300	
MENF	4574	1576	<input type="checkbox"/>		
PTLK	5053	1097	<input checked="" type="checkbox"/>		
MNCS	5173	977	<input type="checkbox"/>		
GLLP	6063	87	<input type="checkbox"/>		
GRHN	6952	-802	<input type="checkbox"/>		
GRRS	7012	-862	<input type="checkbox"/>		
TWLS	7057	-907	<input type="checkbox"/>		
PAGU	7137	-987	<input type="checkbox"/>		
CBBO	7171	-1021	<input checked="" type="checkbox"/>		
CBRL	7206	-1056	<input type="checkbox"/>		

Severe lost circulation is possible. 12 1/4" Hole. 9 5/8", 32.3 ppf, H-40, STC casing. Will test to 500 psi. Cement with 184 cu.ft. Circulate cement to surface.

Possible water flows

Possible gas

8 3/4" Hole. 7" 23.0 ppf, L-80 LTC casing. Cement with 1005 cu.ft.. Will test to 1500 psi.

Gas; possibly wet

Gas

Gas

Gas possible, highly fractured

Gas

Gas. Highly Fractured.

Gas

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 183F

DEVELOPMENT

Total Depth	7282	-1132	<input type="checkbox"/>	3000	6 1/4" Hole. 4 1/2", 11.6 ppf, L-80, LTC casing. Cement with 423 cu.ft. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.
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Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	SJ 28-7 183	1-27N-7W-NE, KB = 6137
Intermediate	SJ 28-6 135	6-27N-6W-SW, KB = 6162

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
	CBL/GR

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - TD is 330' below GRHN - ENCN looks dry MVNM027N007W01SE2 DK 27N07W01SE2

Zones - We have ACEC issues here. Move the surface location to be an east offset twin to the P&A'd #34 (1650 FNL & 950 FEL). This is not out of the ACEC, but is on a road near an existing disturbance (old #34). Would increase the length of the directional leg from ~800' to ~1,250'. If locating the well here will not get us relief from the ACEC waiting period, let's default to the originally staked loc (was a 'final' in DSM) at 2115 FNL & 555 FEL and wait out the process. We looked at moving surface into 6-28N-6W, but this is ACEC too. MVNM027N007W01SE2 DK 27N07W01SE2

General/Work Description - Moved to 2008 per Mike Larimer 3/19 - LM
And I already have a change to the 25-well cut we've made earlier today?

Hopefully this won't be too painful?

Let's put the 28-7 #248F and 28-7 #248M back into 2007 (they have approved APDs)?

And pull out the 28-7 #183F and 28-7 #255M into the 2008 program (these do not have APDs filed)?

My apologies for the extra work?

And thanks to Christy for catching this one...

Thanks...

Mike Larimer

80/80 Kd/Kmv Directional

ConocoPhillips

Survey Report

Company:	ConocoPhillips Lower 48	Local Co-ordinate Reference:	Site Monty's Site for directional MV/DK wells
Project:	San Juan Basin	TVD Reference:	WELL @ 6149.0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK wells	MD Reference:	WELL @ 6149.0ft (Original Well Elev)
Well:	SJ 28-7 #183F	North Reference:	True
Wellbore:	SJ 28-7 #183F	Survey Calculation Method:	Minimum Curvature
Design:	SJ 28-7 #183F	Database:	EDM Central Planning

Targets

Target Name

hit/miss target Shape	Dip Angle (d)	Dip Dir. (d)	TVD (ft)	+N/-S ft	+E/-W ft	Northing (ft)	Easting (ft)	Latitude	Longitude
SJ 28-7 #183F - PCI - plan hits target - Point	0.00	0.00	7,282.0	-1,422.9	315.0	-1,427.56	294.62	30° 59' 10.429" N	109° 25' 40.475" W
SJ 28-7 #183F - ICF - plan hits target - Point	0.00	0.00	4,200.0	-1,422.9	315.0	-1,427.52	294.62	30° 59' 10.430" N	109° 25' 40.475" W

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (d)	Dip Direction (d)
2,122.5	2,000.0	Ojo Alamo		0.00	
2,289.7	2,150.0	Kirtland		0.00	
2,746.7	2,560.0	Fruitland		0.00	
3,025.3	2,810.0	Pictured Cliffs		0.00	
3,248.2	3,010.0	Lewis		0.00	
4,053.8	3,750.0	Chacra		0.00	
4,757.1	4,449.0	Cliffhouse		0.00	
4,882.1	4,574.0	Menefee		0.00	
5,361.1	5,053.0	Pt. Lookout		0.00	
5,481.1	5,173.0	Mancos Shale		0.00	
6,371.1	6,063.0	Gallup		0.00	
7,260.1	6,952.0	Greenhorn		0.00	
7,320.1	7,012.0	Graneros		0.00	
7,365.1	7,057.0	Two Wells		0.00	
7,445.1	7,137.0	Paguate		0.00	
7,479.1	7,171.0	Upper Cubero		0.00	
7,514.1	7,206.0	Lower Cubero		0.00	
7,590.1	7,282.0	TD		0.00	

Checked By: _____ Approved By: _____ Date: _____