Form C-101

August 1, 2011

Permit 333903

## <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u>

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

APPLICATION FOR PERMIT TO	DORILL, RE-ENTER,	, DEEPEN, PLUGBACK	, OR ADD A ZONE
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Operator Name and Address	2. OGRID Number						
DEVON ENERGY PROD	6137						
333 West Sheridan Ave.	333 West Sheridan Ave.						
Oklahoma City, OK 7310	)2	30-015-53372					
4. Property Code	5. Property Name	6. Well No.					
333760	MIMOSA 18-16 STATE COM	621H					

7. Surface Location

I	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	D	18	20S	30E	1	1165	N	1066	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Α	16	20S	30E	Α	400	N	20	E	Eddv

#### 9. Pool Information

ſ	WC-015 G-07 S203032G;WOLFCAMP	97963

#### **Additional Well Information**

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3307
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
N	25377	Wolfcamp		7/22/2023
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

#### ■ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	329	277	0
Int1	12.25	10.75	45.5	1705	192	0
Int2	9.875	8.625	32	3754	194	0
Prod	7.875	5.5	17	25377	2243	7316

#### Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program	m
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Туре	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Blind	5000	5000	
Double Ram	5000	5000	
Annular	5000	5000	
Blind	5000	5000	
Double Ram	5000	5000	
Annular	5000	5000	
Blind	5000	5000	
Double Ram	5000	5000	

knowledge and be	elief.	s true and complete to the best of my  NMAC ⊠ and/or 19.15.14.9 (B) NMAC		OIL CONSERVATIO	N DIVISION	
Printed Name:	Electronically filed by Jeff Walla		Approved By:	Katherine Pickford		
Title:	Supervisor Land		Title:	Geoscientist		
Email Address:	Jeff.Walla@dvn.com		Approved Date:	2/7/2023	Expiration Date: 2/7/2025	
Date:	2/7/2023	Phone: 575-748-9925	Conditions of Approval Attached			

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 11 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

Form C-102 Revised August 1, 2011

#### Energy, Minerals & Natural Resources Department **OIL CONSERVATION DIVISION**

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

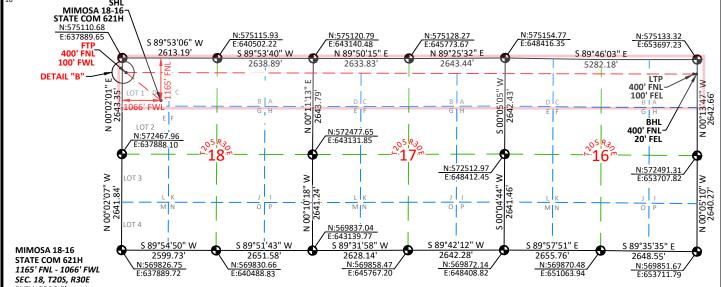
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name		
30-015-53372		97963 WC-015 G-07 S203032G;WOLFCAMP			
<sup>4</sup> Property Code		<sup>5</sup> Pr	operty Name	<sup>6</sup> Well Number	
333760		MIMOSA	MIMOSA 18-16 STATE COM		
<sup>7</sup> OGRID No.			perator Name	<sup>9</sup> Elevation	
6137		DEVON ENERGY PR	ODUCTION COMPANY, L.P.	3306.5'	

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		
D	18	20-S	30-E	LOT 1	1165	NORTH	1066	WEST	EDDY		
<sup>11</sup> 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		
Α	16	20-S	30-E		400	NORTH	20	EAST	EDDY		
<sup>12</sup> Dedicated Ac 479.20	<sup>12</sup> Dedicated Acres   <sup>13</sup> Joint or Infill   <sup>14</sup> Consolidation Code   <sup>15</sup> 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.

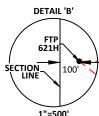


ELEV: 3306.5 LAT: 32.5774391° LON: -104.0164253° N: 573948.41 E: 638954.75

**FIRST TAKE POINT** 400' FNL - 100' FWL SEC. 18, T20S, R30E LAT: 32.5795429° LON: -104.0195520 N: 574710.93 E: 637989.39

LAST TAKE POINT 400' FNL - 100' FEL SEC. 16, T20S, R30E LAT: 32.5794668° LON: -103.9688756° N: 574732.97 E: 653599.07

**BOTTOM HOLE LOCATION** 400' FNL - 20' FEL SEC. 16, T20S, R30E LAT: 32.5794670° LON: -103.9686166 N: 574733.33 E: 653678.84



NOTE: ALL FTP'S ARE OFFSET 100' EAST OF THE WEST SECTION LINE

LEGEND

FOUND USGLO B.C.

#### <sup>17</sup>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.

Arianna (vans 2/7/23

Signature

Arianna Evans

Printed Name Arianna.Evans@dvn.com

E-mail Address

NOTES:

1. BEARINGS SHOWN ARE GRID BASED ON THE NEW MEXICO STATE PLANE EAST ZONE COORDINATE SYSTEM (3001), NAD 83 (2011), BASED FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT AT N:556917.441 E:633268.606 ORTHO:3349.52. DETERMINED BY AN OPUS SOLUTION ON SEPTEMBER STH, 2019.

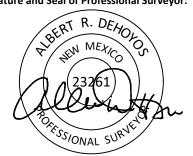
2. DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000237768 3. ELEVATIONS ARE EXISTING GROUND ELEVATIONS UNLESS NOTED

<sup>18</sup>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.

01/02/2023

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos Checked by: ARD Drawn by: JEB Date: 01/13/2023

	rator Name ON ENE		DUCT	ON (	COMPANY, L			rty Name: OSA 18-16 S	STATE COM		Well Number 621H
ck	Off Poin	t (KOP)	Range	Lot	Feet	From N	1/5	Feet	From E/W	County	
	18	20-S	30-E	Lot	401	FNL		57	FWL	EDDY	
atitu					Longitude					NAD	
3	32.5794				-104.0198					83	
L )	Section 18	Township 20-S		Lot	Feet 400	From N NORT		Feet 100	From E/W WEST	County EDDY	
atitu 32.5	ide 5795429	٥			Longitude -104.0195	520°				NAD 83	
IL A	Section 16	int (LTP) Township 20-S	Range 30-E	Lot	Feet 400	From N NORT		Feet 100	From E/W EAST	County EDDY	
JL 4 .atitu	Section 16	Township 20-S		Lot		NORT					
JL A atitu 32.5	Section 16 ude 5794668	Township 20-S	30-E		400 Longitude	NORT	ΓΗ	100		EDDY NAD	
atitu 32.5 thi	Section 16 16 5794668 is well the	Township 20-S ne definir n infill we	ng well	for t	Longitude -103.9688 he Horizont	756°	cing	100 Unit? Υ	EAST	NAD 83	Horizontal

Form APD Conditions

Permit 333903

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

#### PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
DEVON ENERGY PRODUCTION COMPANY, LP [6137]	30-015-53372
333 West Sheridan Ave.	Well:
Oklahoma City, OK 73102	MIMOSA 18-16 STATE COM #621H

OCD	Condition
Reviewer	
kpickford	Notify OCD 24 hours prior to casing & cement
kpickford	Will require a File As Drilled C-102 and a Directional Survey with the C-104
kpickford	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud
kpickford	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
kpickford	Cement is required to circulate on both surface and intermediate1 strings of casing
kpickford	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system

#### State of New Mexico Energy, Minerals and Natural Resources Department

Submit Electronically Via E-permitting

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

#### NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

#### Section 1 – Plan Description Effective May 25, 2021

I. Operator: Devon End	ergy Productio	n Company, L.P.	OGRID:	6137		Date:02_/	6 / 2023
II. Type: ☐ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.							
If Other, please describe:							
III. Well(s): Provide the be recompleted from a s					wells pro	oposed to be di	illed or proposed to
Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D		cipated MCF/D l	Anticipated Produced Water BBL/D
See Attached							
IV. Central Delivery Po V. Anticipated Schedul proposed to be recomple	e: Provide the		ion for each nev		vell or se		27.9(D)(1) NMAC] osed to be drilled or
Well Name	API	Spud Date	TD Reached Date	Completion Commencement		Initial Flow Back Date	First Production Date
See Attached							
VII. Operational Pract Subsection A through F VIII. Best Management during active and planned	tices: \(\bar{\text{\tiny{\text{\tiny{\tinit}}\\ \text{\tex{\tex	h a complete descr NMAC.	ription of the ac	tions Operator wil	l take to	o comply with	the requirements of

#### Section 2 – Enhanced Plan EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

🗵 Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

#### IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

#### X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map.   Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the
production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of
the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natur	al gas gathering system	$\square$ will $\square$ will n	ot have capacity to	gather 100%	of the anticipated	natural gas
production volume from the we	ell prior to the date of fir	st production.				

XIII. Line Pressure. Operator $\square$ does $\square$ does not anticipate that its existing well(s) connected to the same segment, or portion, of the
natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

_		_	_							
- 1	Affach ()	nerator's	s nlan to	manage	production	in response	to the	increased	line pro	essure

XIV. Confidentiality: $\sqcup$ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 19 $^\circ$	78 for the information provided in
Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full des	scription of the specific information
for which confidentiality is asserted and the basis for such assertion.	

(i)

## Section 3 - Certifications <u>Effective May 25, 2021</u>

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal: 🗵 Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or ☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. If Operator checks this box, Operator will select one of the following: Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or Venting and Flaring Plan. 

Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including: power generation on lease; (a) power generation for grid; **(b)** (c) compression on lease; (d) liquids removal on lease; (e) reinjection for underground storage; **(f)** reinjection for temporary storage; reinjection for enhanced oil recovery; (g) fuel cell production; and (h)

### **Section 4 - Notices**

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

other alternative beneficial uses approved by the division.

- (a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or
- (b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.
- 2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:
Printed Name: Jeff Walla
Title: Surface Land and Regulatory Manager
E-mail Address:
Date:
Phone:
OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:

Well Name	API	ULSTR	N/S Footage	Call	E/W Footage	Call	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
MIMOSA 18-16 STATE COM 621H		18-20S-30E	1165	FNL	1066	FWL	(+/-)1245bopd	(+/-)2995mcfd	(+/-)3115bwpd
MIMOSA 18-16 STATE COM 622H		18-20S-30E	1195	FNL	1066	FWL	(+/-)1245bopd	(+/-)2995mcfd	(+/-)3115bwpd

Well Name	API	Spud Date*	TD Reached Date*	Completion Commencement Date*	Initial Flow Back Date*	First Production Date*
MIMOSA 18-16 STATE COM 621H		7/22/2023	8/21/2023	12/19/2023	12/19/2023	12/19/2023
MIMOSA 18-16 STATE COM 622H		8/20/2023	9/19/2023	1/17/2024	1/17/2024	1/17/2024

\*Approximate Dates Subject to Change



#### VI. Separation Equipment

Devon Energy Production Company, L.P. utilizes a "stage separation" process in which oil and gas separation is carried out through a series of separators operating at successively reduced pressures. Hydrocarbon liquids are produced into a high-pressure inlet separator, then carried through one or more lower pressure separation vessels before entering the storage tanks. The purpose of this separation process is to attain maximum recovery of liquid hydrocarbons from the fluids and allow maximum capture of produced gas into the sales pipeline. Devon utilizes a series of Low-Pressure Compression units to capture gas off the staged separation and send it to the sales pipeline. This process minimizes the amount of flash gas that enters the end-stage storage tanks that is subsequently vented or flared.



#### VII. Operational Practices

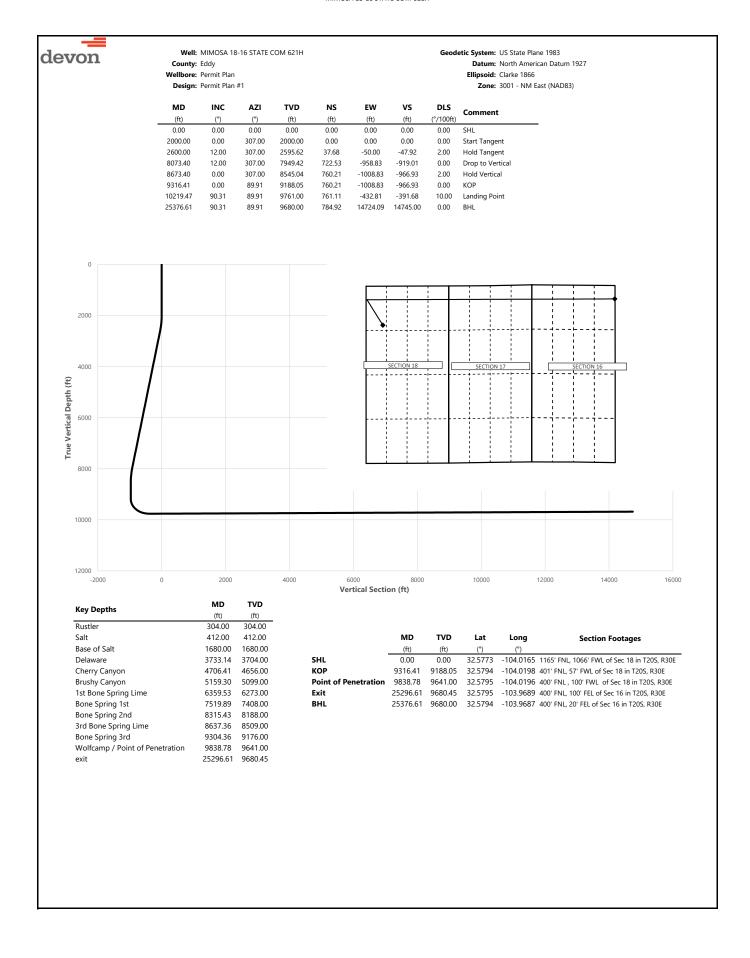
Devon Energy Production Company, L. P. will employ best management practices and control technologies to maximize the recovery and minimize waste of natural gas through venting and flaring.

- During drilling operations, Devon will utilize flares and/or combustors to capture and control
  natural gas, where technically feasible. If flaring is deemed technically in-feasible, Devon will
  employ best management practices to minimize or reduce venting to the extent possible.
- During completions operations, Devon will utilize Green Completion methods to capture gas
  produced during well completions that is otherwise vented or flared. If capture is technically
  in-feasible, flares and/or combustors will be used to capture and control flow back fluids
  entering into frac tanks during initial flowback. Upon indication of first measurable hydrocarbon
  volumes, Devon will turn operations to onsite separation vessels and flow to the gathering
  pipeline.
- During production operations, Devon will take every practical effort to minimize waste of natural gas through venting and flaring by:
  - Designing and constructing facilities in a manner consistent to achieve maximum capture and control of hydrocarbon liquids & produced gas
  - Utilizing a closed-loop capture system to collect and route produced gas to sales line via low pressure compression, or to a flare/combustor
  - o Flaring in lieu of venting, where technically feasible
  - Utilizing auto-ignitors or continuous pilots, with thermocouples connected to Scada, to quickly detect and resolve issues related to malfunctioning flares/combustors
  - Employ the use of automatic tank gauging to minimize storage tank venting during loading events
  - Installing air-driven or electric-driven pneumatics & combustion engines, where technically feasible to minimize venting to the atmosphere
  - Confirm equipment is properly maintained and repaired through a preventative maintenance and repair program to ensure equipment meets all manufacturer specifications
  - Conduct and document AVO inspections on the frequency set forth in Part 27 to detect and repair any onsite leaks as quickly and efficiently as is feasible



VIII. Best Management Practices during Maintenance

Devon Energy Production Company, L.P. will utilize best management practices to minimize venting during active and planned maintenance activities. Devon is operating under guidance that production facilities permitted under NOI permits have no provisions to allow high pressure flaring and high pressure flaring is only allowed in disruption scenarios so long as the duration is less than eight hours. When technically feasible, flaring during maintenance activities will be utilized in lieu of venting to the atmosphere. Devon will work with third-party operators during scheduled maintenance of downstream pipeline or processing plants to address those events ahead of time to minimize venting. Actions considered include identifying alternative capture approaches or planning to temporarily reduce production or shut in the well to address these circumstances.





County: Eddy Wellbore: Permit Plan

Design: Permit Plan #1 Geodetic System: US State Plane 1983

Datum: North American Datum 1927

Ellipsoid: Clarke 1866 Zone: 3001 - NM East (NAD83)

	Design:	Permit Plan	#1				<b>Zone:</b> 3001 - NM East (NAD83)				
MD (ft)	INC (°)	<b>AZI</b> (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	<b>DLS</b> (°/100ft)	Comment			
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL			
100.00	0.00	307.00	100.00	0.00	0.00	0.00	0.00				
200.00	0.00	307.00	200.00	0.00	0.00	0.00	0.00				
300.00	0.00	307.00	300.00	0.00	0.00	0.00	0.00				
304.00	0.00	307.00	304.00	0.00	0.00	0.00	0.00	Rustler			
400.00	0.00	307.00	400.00	0.00	0.00	0.00	0.00				
412.00 500.00	0.00	307.00 307.00	412.00 500.00	0.00	0.00	0.00	0.00	Salt			
600.00	0.00	307.00	600.00	0.00	0.00	0.00	0.00				
700.00	0.00	307.00	700.00	0.00	0.00	0.00	0.00				
800.00	0.00	307.00	800.00	0.00	0.00	0.00	0.00				
900.00	0.00	307.00	900.00	0.00	0.00	0.00	0.00				
1000.00	0.00	307.00	1000.00	0.00	0.00	0.00	0.00				
1100.00	0.00	307.00	1100.00	0.00	0.00	0.00	0.00				
1200.00	0.00	307.00	1200.00	0.00	0.00	0.00	0.00				
1300.00	0.00	307.00	1300.00	0.00	0.00	0.00	0.00				
1400.00 1500.00	0.00	307.00 307.00	1400.00 1500.00	0.00	0.00	0.00	0.00				
1600.00	0.00	307.00	1600.00	0.00	0.00	0.00	0.00				
1680.00	0.00	307.00	1680.00	0.00	0.00	0.00	0.00	Base of Salt			
1700.00	0.00	307.00	1700.00	0.00	0.00	0.00	0.00				
1800.00	0.00	307.00	1800.00	0.00	0.00	0.00	0.00				
1900.00	0.00	307.00	1900.00	0.00	0.00	0.00	0.00				
2000.00	0.00	307.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent			
2100.00	2.00	307.00	2099.98	1.05	-1.39	-1.34	2.00				
2200.00 2300.00	4.00 6.00	307.00 307.00	2199.84 2299.45	4.20 9.44	-5.57 -12.53	-5.34 -12.01	2.00 2.00				
2400.00	8.00	307.00	2398.70	16.78	-12.33	-12.01	2.00				
2500.00	10.00	307.00	2497.47	26.19	-34.76	-33.32	2.00				
2600.00	12.00	307.00	2595.62	37.68	-50.00	-47.92	2.00	Hold Tangent			
2700.00	12.00	307.00	2693.44	50.19	-66.60	-63.84	0.00				
2800.00	12.00	307.00	2791.25	62.70	-83.21	-79.75	0.00				
2900.00	12.00	307.00	2889.07	75.21	-99.81	-95.67	0.00				
3000.00 3100.00	12.00 12.00	307.00 307.00	2986.88 3084.70	87.72 100.24	-116.42 -133.02	-111.58 -127.50	0.00				
3200.00	12.00	307.00	3182.51	112.75	-149.62	-143.41	0.00				
3300.00	12.00	307.00	3280.33	125.26	-166.23	-159.33	0.00				
3400.00	12.00	307.00	3378.14	137.77	-182.83	-175.24	0.00				
3500.00	12.00	307.00	3475.96	150.29	-199.44	-191.16	0.00				
3600.00	12.00	307.00	3573.77	162.80	-216.04	-207.07	0.00				
3700.00	12.00	307.00	3671.59	175.31	-232.65	-222.99	0.00				
3733.14	12.00	307.00	3704.00	179.46	-238.15	-228.26	0.00	Delaware			
3800.00 3900.00	12.00 12.00	307.00 307.00	3769.40 3867.22	187.82 200.34	-249.25 -265.86	-238.90 -254.82	0.00				
4000.00	12.00	307.00	3965.03	212.85	-282.46	-270.73	0.00				
4100.00	12.00	307.00	4062.84	225.36	-299.07	-286.65	0.00				
4200.00	12.00	307.00	4160.66	237.87	-315.67	-302.56	0.00				
4300.00	12.00	307.00	4258.47	250.39	-332.27	-318.48	0.00				
4400.00	12.00	307.00	4356.29	262.90	-348.88	-334.39	0.00				
4500.00	12.00	307.00	4454.10	275.41	-365.48	-350.31	0.00				
4600.00 4700.00	12.00 12.00	307.00 307.00	4551.92 4649.73	287.92 300.43	-382.09 -398.69	-366.22 -382.14	0.00				
4700.00	12.00	307.00	4656.00	300.43	-399.76	-383.16	0.00	Cherry Canyon			
4800.00	12.00	307.00	4747.55	312.95	-415.30	-398.05	0.00	, ,			
4900.00	12.00	307.00	4845.36	325.46	-431.90	-413.97	0.00				
5000.00	12.00	307.00	4943.18	337.97	-448.51	-429.88	0.00				
5100.00	12.00	307.00	5040.99	350.48	-465.11	-445.80	0.00				
5159.30	12.00	307.00	5099.00	357.90	-474.96 401.73	-455.23	0.00	Brushy Canyon			
5200.00 5300.00	12.00 12.00	307.00 307.00	5138.81 5236.62	363.00 375.51	-481.72 -498.32	-461.71 -477.63	0.00				
5400.00	12.00	307.00	5236.62	388.02	-496.32 -514.93	-477.63 -493.54	0.00				
5500.00	12.00	307.00	5432.25	400.53	-531.53	-509.46	0.00				
5600.00	12.00	307.00	5530.07	413.05	-548.13	-525.37	0.00				
5700.00	12.00	307.00	5627.88	425.56	-564.74	-541.29	0.00				
5800.00	12.00	307.00	5725.70	438.07	-581.34	-557.20	0.00				
5900.00	12.00	307.00	5823.51	450.58	-597.95	-573.12	0.00				
6000.00	12.00	307.00	5921.33	463.10	-614.55 621.16	-589.03	0.00				
6100.00 6200.00	12.00 12.00	307.00 307.00	6019.14 6116.95	475.61 488.12	-631.16 -647.76	-604.95 -620.86	0.00				
6300.00	12.00	307.00	6214.77	500.63	-664.37	-636.78	0.00				



County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983

Datum: North American Datum 1927

Ellipsoid: Clarke 1866

Zone: 3001 - NM East (NAD83)

	Design:	Permit Plan	1#1					<b>Zone:</b> 3001 - NM East (NAD83)
MD	INC	AZI	TVD	NS	EW	vs	DLS	<b>6</b>
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	Comment
6359.53	12.00	307.00	6273.00	508.08	-674.25	-646.25	0.00	1st Bone Spring Lime
6400.00	12.00	307.00	6312.58	513.14	-680.97	-652.69	0.00	
6500.00	12.00	307.00	6410.40	525.66	-697.58	-668.61	0.00	
6600.00	12.00	307.00	6508.21	538.17	-714.18	-684.52	0.00	
6700.00	12.00	307.00	6606.03	550.68	-730.79	-700.44	0.00	
6800.00	12.00	307.00	6703.84	563.19	-747.39	-716.35	0.00	
6900.00	12.00	307.00	6801.66	575.71	-763.99	-732.27	0.00	
7000.00	12.00	307.00	6899.47	588.22	-780.60	-748.18	0.00	
7100.00	12.00	307.00	6997.29	600.73	-797.20	-764.10	0.00	
7200.00	12.00	307.00	7095.10	613.24	-813.81	-780.01	0.00	
7300.00	12.00	307.00	7192.92	625.76	-830.41	-795.93	0.00	
7400.00	12.00	307.00	7290.73	638.27	-847.02	-811.84	0.00	
7500.00	12.00	307.00	7388.55	650.78	-863.62	-827.76	0.00	
7519.89	12.00	307.00	7408.00	653.27	-866.92	-830.92	0.00	Bone Spring 1st
7600.00	12.00	307.00	7486.36	663.29	-880.23	-843.67	0.00	
7700.00	12.00	307.00	7584.18	675.81	-896.83	-859.59	0.00	
7800.00	12.00	307.00	7681.99	688.32	-913.44	-875.50	0.00	
7900.00	12.00	307.00	7779.81	700.83	-930.04	-891.42	0.00	
8000.00	12.00	307.00	7877.62	713.34	-946.65	-907.33	0.00	Duna to Vartical
8073.40	12.00	307.00	7949.42	722.53	-958.83	-919.01	0.00	Drop to Vertical
8100.00	11.47	307.00	7975.46	725.79	-963.15	-923.15	2.00	
8200.00	9.47	307.00	8073.79 8172.70	736.72	-977.66	-937.06	2.00	
8300.00 8315.43	7.47 7.16	307.00 307.00	8172.70 8188.00	745.58 746.76	-989.42 -990.99	-948.33 -949.83	2.00	Rone Spring 2nd
8315.43 8400.00	7.16 5.47	307.00	8188.00 8272.05	746.76 752.36	-990.99 -998.42	-949.83 -956.95	2.00 2.00	Bone Spring 2nd
8500.00	3.47	307.00	8371.75	752.36 757.05	-998.42 -1004.64	-956.95 -962.92	2.00	
8600.00	1.47	307.00	8471.65	759.64	-1004.04	-966.21	2.00	
8637.36	0.72	307.00	8509.00	760.07	-1008.65	-966.76	2.00	3rd Bone Spring Lime
8673.40	0.00	307.00	8545.04	760.21	-1008.83	-966.93	2.00	Hold Vertical
8700.00	0.00	89.91	8571.64	760.21	-1008.83	-966.93	0.00	Tiola Vertical
8800.00	0.00	89.91	8671.64	760.21	-1008.83	-966.93	0.00	
8900.00	0.00	89.91	8771.64	760.21	-1008.83	-966.93	0.00	
9000.00	0.00	89.91	8871.64	760.21	-1008.83	-966.93	0.00	
9100.00	0.00	89.91	8971.64	760.21	-1008.83	-966.93	0.00	
9200.00	0.00	89.91	9071.64	760.21	-1008.83	-966.93	0.00	
9300.00	0.00	89.91	9171.64	760.21	-1008.83	-966.93	0.00	
9304.36	0.00	89.91	9176.00	760.21	-1008.83	-966.93	0.00	Bone Spring 3rd
9316.41	0.00	89.91	9188.05	760.21	-1008.83	-966.93	0.00	KOP
9400.00	8.36	89.91	9271.34	760.22	-1002.74	-960.85	10.00	
9500.00	18.36	89.91	9368.51	760.25	-979.67	-937.81	10.00	
9600.00	28.36	89.91	9460.20	760.31	-940.07	-898.26	10.00	
9700.00	38.36	89.91	9543.62	760.40	-885.15	-843.42	10.00	
9800.00	48.36	89.91	9616.23	760.51	-816.58	-774.94	10.00	
9838.78	52.24	89.91	9641.00	760.56	-786.75	-745.15	10.00	Wolfcamp / Point of Penetration
9900.00	58.36	89.91	9675.84	760.63	-736.44	-694.91	10.00	
10000.00	68.36	89.91	9720.62	760.78	-647.17	-605.76	10.00	
10100.00	78.36	89.91	9749.22	760.93	-551.48	-510.20	10.00	
10200.00	88.36	89.91	9760.77	761.08	-452.28	-411.13	10.00	
10219.47	90.31	89.91	9761.00	761.11	-432.81	-391.68	10.00	Landing Point
10300.00	90.31	89.91	9760.57	761.24	-352.28	-311.26	0.00	
10400.00	90.31	89.91	9760.04	761.40	-252.28	-211.40	0.00	
10500.00	90.31	89.91	9759.50	761.55	-152.29	-111.53	0.00	
10600.00	90.31	89.91	9758.97	761.71	-52.29	-11.67	0.00	
10700.00	90.31	89.91	9758.43	761.87	47.71	88.20	0.00	
10800.00	90.31	89.91	9757.90	762.02	147.71	188.06	0.00	
10900.00	90.31	89.91	9757.36	762.18	247.71	287.93	0.00	
11000.00	90.31	89.91	9756.83	762.34	347.71	387.79	0.00	
11100.00	90.31	89.91	9756.30	762.50	447.70	487.66	0.00	
11200.00	90.31	89.91	9755.76	762.65	547.70	587.52	0.00	
11300.00	90.31	89.91	9755.23	762.81	647.70	687.39	0.00	
11400.00	90.31	89.91	9754.69	762.97	747.70	787.25	0.00	
11500.00	90.31	89.91	9754.16	763.12	847.70	887.12	0.00	
11600.00	90.31	89.91	9753.62	763.28	947.70	986.98	0.00	
11700.00	90.31	89.91	9753.09	763.44	1047.70	1086.85	0.00	
11800.00	90.31	89.91	9752.56	763.60	1147.69	1186.71	0.00	
11900.00	90.31	89.91	9752.02	763.75	1247.69	1286.58	0.00	
12000.00	90.31	89.91	9751.49	763.91	1347.69	1386.44	0.00	
12100.00	90.31	89.91 89.91	9750.95 9750.42	764.07 764.22	1447.69 1547.69	1486.31 1586.18	0.00	
12200 00					1.347.09			
12200.00 12300.00	90.31 90.31	89.91	9749.88	764.38	1647.69	1686.04	0.00	



County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983

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Ellipsoid: Clarke 1866

Zone: 3001 - NM East (NAD83)

March   Marc		Design:	Permit Pla	n#I					<b>Zone:</b> 3001 - NM East (NAD83)
Mathematics	MD	INC	Δ71	TVD	NS	FW	vs	DIS	
1,440,000   90.31   89.39   97.48.3   76.45.4   1747.69   1789.39   0.00									Comment
1.500.00   90.31   89.91   97.88   74.88   74.85   7									
1200.00   90.31   89.91   978.28   794.82   79									
1.2000									
1800.00   90.31   89.91   974.21   765.17   247.68   218.53   0.00									
1900.00   90.31   89.91   97.46   76.54   247.67   258.48   269.51   200   2									
1300.00									
13200.00 90.31 89.91 974.00 765.00 2547.67 2564.83 90.00 13400.00 90.31 89.91 974.41 766.27 2576.57 2564.56 0.00 13500.00 90.31 89.91 974.47 766.27 2576.57 2564.50 0.00 13500.00 90.31 89.91 974.47 766.27 2576.77 2564.50 0.00 13500.00 90.31 89.91 974.47 766.27 2576.77 2564.50 0.00 13500.00 90.31 89.91 974.48 766.50 2576.70 2564.20 0.00 13500.00 90.31 89.91 974.48 766.50 2576.20 2566.20 0.00 1400.00 90.31 89.91 974.67 76.22 2576.20 2576	13000.00	90.31	89.91	9746.14	765.48			0.00	
13400.00   90.31   89.91   974.45   765.92   2847.67   2784.69   0.00			89.91	9745.61				0.00	
134000 90.31 89.91 974.47 76.27 284.67 284.69 0.00 136000 90.31 89.91 974.24 76.63 284.67 284.69 0.00 136000 90.31 89.91 974.61 76.63 284.67 284.69 0.00 136000 90.31 89.91 974.61 76.63 284.66 283.60 0.00 140000 90.31 89.91 974.60 76.55 334.66 383.75 0.00 140000 90.31 89.91 973.60 76.00 34.66 383.75 0.00 140000 90.31 89.91 973.60 76.00 34.66 383.76 38	13200.00	90.31	89.91	9745.08	765.80	2547.67	2584.83	0.00	
1350000         93.1         89.91         974.84         765.27         287.67         288.42         0.00           1370000         93.31         89.91         974.24         766.82         287.67         394.92         0.00           1380000         93.31         89.91         974.13         766.90         234.766         138.288         0.00           1400000         93.31         89.91         974.32         767.37         334.766         328.388         0.00           1400000         93.31         89.91         973.20         767.53         347.66         338.61         0.00           1400000         93.31         89.91         973.80         767.53         347.65         388.30         0.00           1450000         93.31         89.91         973.60         766.01         347.55         388.01         0.00           1470000         93.31         89.91         973.00         766.10         447.65         482.25         0.00           1470000         93.31         89.91         973.80         766.70         447.65         482.55         0.00           1480000         93.31         89.91         973.60         766.16         447.55         482.5	13300.00	90.31	89.91	9744.54	765.95	2647.67	2684.69	0.00	
130000 90.31 89.19 74.294 76.58 347.66 384.75 0.00 130000 90.31 89.91 974.87 76.74 34.76 38.34 0.00 130000 90.31 89.91 974.87 76.76 34.34 76.6 38.38 0.00 140000 90.31 89.91 974.07 76.75 34.76 38.38 0.00 140000 90.31 89.91 973.07 76.75 34.76 38.38 0.00 140000 90.31 89.91 973.93 76.73 34.76 38.38 0.00 140000 90.31 89.91 973.93 76.73 34.76 38.38 0.00 140000 90.31 89.91 973.70 76.76 34.76 38.38 0.00 140000 90.31 89.91 973.70 76.76 34.76 38.38 0.00 140000 90.31 89.91 973.60 76.68 34.76 38.38 0.00 140000 90.31 89.91 973.60 76.68 34.76 38.38 0.00 140000 90.31 89.91 973.60 76.68 34.76 5 388.24 0.00 140000 90.31 89.91 973.60 76.68 34.76 5 388.27 0.00 140000 90.31 89.91 973.60 76.68 34.76 5 388.27 0.00 140000 90.31 89.91 973.63 76.83 44.76 5 48.26 0.00 140000 90.31 89.91 973.63 76.83 44.76 5 48.26 0.00 150000 90.31 89.91 973.54 76.83 44.76 4 482.0 0.00 150000 90.31 89.91 973.35 67.80 4 457.64 482.0 0.00 150000 90.31 89.91 973.35 67.80 4 457.64 482.0 0.00 150000 90.31 89.91 973.35 67.80 4 457.64 482.0 0.00 150000 90.31 89.91 973.35 76.80 4 457.64 482.0 0.00 150000 90.31 89.91 973.35 67.80 4 457.64 482.0 0.00 150000 90.31 89.91 973.27 769.41 447.64 482.0 0.00 150000 90.31 89.91 973.27 769.54 447.64 482.0 0.00 150000 90.31 89.91 973.27 769.54 447.64 482.0 0.00 150000 90.31 89.91 973.27 769.54 447.64 482.0 0.00 150000 90.31 89.91 973.0 76.70 8.8 547.63 580.76 9.00 150000 90.31 89.91 973.0 76.70 8.8 547.63 580.76 9.00 150000 90.31 89.91 973.0 77.00 8.547.63 580.76 9.00 150000 90.31 89.91 973.0 77.00 8.547.63 580.76 9.00 150000 90.31 89.91 973.0 77.00 8.547.63 580.76 9.00 150000 90.31 89.91 973.0 77.00 8.547.63 580.00 150000 90.31 89.91 973.0 77.00 8.547.63 580.00 150000 90.31 89.91 973.0 77.00 8.547.63 580.00 150000 90.31 89.91 973.0 77.00 8.547.63 580.00 150000 90.31 89.91 973.0 76.63 76.00 8.60 8.76 8.76 8.76 8.76 8.76 8.76 8.76 8.76	13400.00	90.31	89.91	9744.01	766.11	2747.67	2784.56	0.00	
1370000         931         8991         974.240         766.58         3047.66         3084.15         0.00           1380000         931         8991         974.137         766.74         3247.66         3184.02         0.00           1400000         931         8991         974.137         766.90         3247.66         3183.87         0.00           1400000         931         8991         973.27         767.21         3447.66         3183.81         0.00           1420000         931         8991         973.20         767.33         367.65         3883.84         0.00           1450000         931         8991         973.81         767.83         367.65         3883.34         0.00           1450000         931         8991         973.76         766.03         3883.91         0.00           1450000         931         8991         973.59         768.16         407.65         4082.80         0.00           1480000         931         8991         973.59         768.74         447.65         4182.67         0.00           1500000         931         8991         973.39         768.78         447.64         4882.79         0.00	13500.00	90.31	89.91		766.27	2847.67	2884.42	0.00	
1380000 90.31 8991 971.87 16674 314766 30.344765 38.3816 000 1400000 90.31 8991 971.49 76.05 347.66 328.88 0.00 1410000 90.31 8991 971.49 76.05 347.66 328.88 0.00 1410000 90.31 8991 971.97 07.6737 3547.66 328.84 0.00 1410000 90.31 8991 971.97 07.6737 3547.66 328.84 0.00 1410000 90.31 8991 971.86 76.68 374.65 383.48 0.00 1410000 90.31 8991 971.60 76.80 347.65 378.25 178.2					766.43			0.00	
139000         91         1891         78134         76690         324766         32838         0.00           1410000         90.31         8991         974027         76721         34766         38375         0.00           1420000         90.31         8991         97320         76733         36765         3838.48         0.00           1430000         90.31         8991         97320         76733         36765         3838.40         0.00           1450000         90.31         8991         9738.18         6768         38361         0.00           1450000         90.31         8991         9737.60         768.16         404765         4828.20         0.00           1480000         90.31         8991         9735.53         768.16         404765         4828.20         0.00           1480000         90.31         8991         9735.46         768.63         444764         4828.26         0.00           1500000         90.31         8991         9733.37         678.73         4476.4         4828.26         0.00           1500000         90.31         8991         9733.32         768.76         488.30         0.00           1500000<									
140000 93.1 89.91 974080 767.05 3347.66 338.75 0.00 1410000 93.1 89.91 9739.72 767.37 3547.66 3383.46 0.00 1420000 93.1 89.91 9739.20 767.38 3647.65 3383.48 0.00 1430000 93.1 89.91 9738.66 767.68 3747.65 3783.21 0.00 1430000 93.1 89.91 973.60 767.68 3747.65 3783.21 0.00 1430000 93.1 89.91 973.60 768.00 3947.65 382.94 0.00 1440000 93.1 89.91 973.60 768.00 3947.65 382.94 0.00 1430000 93.1 89.91 973.60 768.01 347.65 382.94 0.00 1430000 93.1 89.91 973.60 768.11 4147.65 4182.67 0.00 1430000 93.1 89.91 973.65 768.31 4147.65 4182.67 0.00 1430000 93.1 89.91 973.85 768.31 4147.65 4182.67 0.00 150000 93.1 89.91 973.86 768.81 4147.65 4182.67 0.00 150000 93.1 89.91 973.86 768.81 4147.65 4182.67 0.00 150000 93.1 89.91 973.86 768.91 4447.64 432.60 0.00 150000 93.1 89.91 973.86 768.91 4447.64 432.60 0.00 150000 93.1 89.91 973.86 768.91 4447.64 432.60 0.00 150000 93.1 89.91 973.86 769.16 447.64 432.13 0.00 150000 93.1 89.91 973.86 769.16 447.64 432.13 0.00 150000 93.1 89.91 973.86 769.16 447.64 438.18 0.00 150000 93.1 89.91 973.25 769.57 4947.63 4948.84 0.00 150000 93.1 89.91 973.25 769.57 4947.63 4948.84 0.00 150000 93.1 89.91 973.25 769.57 4947.63 4948.84 0.00 150000 93.1 89.91 973.25 769.57 4947.63 4948.84 0.00 150000 93.1 89.91 973.25 770.95 4947.63 4948.84 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.86 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.86 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.86 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.86 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.86 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.15 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.17 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.17 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.17 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.18 770.00 4447.64 4381.80 0.00 150000 93.1 89.91 973.81 770.00 4									
14400.00 90.31 89.91 9740.27 767.21 3447.65 348.561 0.00 14200.00 90.31 89.91 973.92 767.53 3647.65 388.34 0.00 14200.00 90.31 89.91 973.80 767.83 3647.65 388.34 0.00 14200.00 90.31 89.91 973.66 767.86 368.34 10.00 14200.00 90.31 89.91 973.66 767.86 368.34 10.00 14200.00 90.31 89.91 973.66 767.86 368.34 10.00 14200.00 90.31 89.91 973.66 768.16 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.53 768.16 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.56 768.17 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.56 768.07 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.56 768.07 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.56 768.07 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.56 768.07 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.56 768.07 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.56 768.07 4047.65 4082.00 0.00 14200.00 90.31 89.91 973.38 768.78 4447.64 4882.26 0.00 15200.00 90.31 89.91 973.38 768.26 4767.66 4787									
142000 931 8991 973973 76737 854766 388.48 000 1440000 931 8991 973866 76768 374765 378321 000 1440000 931 8991 973866 76768 374765 378321 000 1440000 931 8991 97360 76800 394765 388294 000 1440000 931 8991 973760 76800 394765 388294 1470000 931 8991 973653 76831 414765 418267 1480000 931 8991 973653 76831 414765 418267 1480000 931 8991 973549 76847 424765 428253 000 1500000 931 8991 973549 76878 444764 482260 000 150000 931 8991 97338 76878 444764 482260 000 150000 931 8991 97338 76878 444764 482260 000 150000 931 8991 97338 76878 444764 482190 000 150000 931 8991 97338 76941 464764 488199 000 150000 931 8991 97327 76941 484764 488172 000 150000 931 8991 97327 76941 484764 488172 000 150000 931 8991 97306 77004 544764 478180 000 150000 931 8991 97306 77004 544764 481819 000 150000 931 8991 97306 77004 544764 481819 000 150000 931 8991 97307 76941 484764 488172 000 150000 931 8991 97306 77004 544764 481819 000 150000 931 8991 97306 77004 544764 548180 000 150000 931 8991 97306 77004 544764 548180 000 150000 931 8991 97306 77004 544764 548180 000 150000 931 8991 97306 77004 544764 548180 000 150000 931 8991 97306 77004 544764 588180 000 150000 931 8991 97306 77004 544764 588180 000 150000 931 8991 97306 77004 544764 588180 000 150000 931 8991 97306 77004 544764 588180 000 150000 931 8991 97285 77006 544765 588024 000 150000 931 8991 97285 77006 544765 588024 000 150000 931 8991 97285 77006 544765 588024 000 150000 931 8991 97285 77006 544765 588024 000 150000 931 8991 97285 77006 644766 657956 000 150000 931 8991 97285 77006 644766 657956 000 150000 931 8991 97287 7739 7730 74467 67476 677860 000 150000 931 8991 97383 77366 74460 67476 657959 000 150000 931 8991 97383 77367 7446 644761 657959 000 150000 931 8991 97383 77366 74460 67476 657959 000 150000 931 8991 97383 77366 74460 67476 677950 000 150000 931 8991 97383 77367 7446 644761 657959 000 150000 931 8991 97383 7736 74460 644761 657959 000 150000 931 8991 97383 7736 74460 644761 657959 000									
14400.00   90.31   89.91   973.92   767.53   3647.65   3683.34   0.00     14500.00   90.31   89.91   973.86   767.84   3847.65   388.807   0.00     14700.00   90.31   89.91   973.60   768.16   4047.65   4082.80   0.00     14700.00   90.31   89.91   973.60   768.16   4047.65   4082.80   0.00     14800.00   90.31   89.91   973.65   768.16   4047.65   4082.80   0.00     14800.00   90.31   89.91   973.80   768.74   4247.65   4282.80   0.00     15000.00   90.31   89.91   973.80   768.78   4447.64   4482.66   0.00     15000.00   90.31   89.91   973.89   768.78   4447.64   4482.66   0.00     15000.00   90.31   89.91   973.89   768.78   4447.64   4482.66   0.00     15000.00   90.31   89.91   973.89   769.20   4647.64   4681.99   0.00     15000.00   90.31   89.91   973.80   769.20   4447.64   4481.72   0.00     15000.00   90.31   89.91   973.80   769.20   4447.64   4481.72   0.00     15000.00   90.31   89.91   973.12   769.36   4447.64   4481.72   0.00     15000.00   90.31   89.91   973.12   769.36   4447.64   4481.72   0.00     15000.00   90.31   89.91   973.12   769.36   4447.64   4481.72   0.00     15000.00   90.31   89.91   973.12   769.36   4447.65   4881.59   0.00     16000.00   90.31   89.91   973.12   769.36   4447.65   4881.59   0.00     16000.00   90.31   89.91   973.12   769.36   4447.65   4881.59   0.00     16000.00   90.31   89.91   973.65   770.04   5447.65   5480.80   0.00     16000.00   90.31   89.91   973.65   770.04   5447.65   5480.80   0.00     16000.00   90.31   89.91   973.65   770.04   5447.65   5480.80   0.00     16000.00   90.31   89.91   973.67   770.30   5447.65   5480.80   0.00     16000.00   90.31   89.91   972.80   770.81   5447.65   5480.80   0.00     16000.00   90.31   89.91   972.80   770.81   5447.65   5480.80   0.00     16000.00   90.31   89.91   972.47   771.77   6447.61   6477.62   0.00     17000.00   90.31   89.91   972.47   771.77   6447.61   6477.60   6477.80   0.00     17000.00   90.31   89.91   972.47   771.40   6447.61   6477.80   0.00     17000.00   90.31   89.91   972.47									
14400.00   90.31   89.91   9738.16   767.86   3747.65   3788.21   0.00     14400.00   90.31   89.91   9737.67   768.00   3947.65   3982.94   0.00     14400.00   90.31   89.91   9737.66   768.07   3747.65   3982.94   0.00     14400.00   90.31   89.91   9735.59   7788.47   4247.65   4282.51   0.00     15000.00   90.31   89.91   9735.59   7788.47   4247.65   4282.53   0.00     15000.00   90.31   89.91   9735.46   768.63   4347.64   4382.40   0.00     15000.00   90.31   89.91   9734.39   768.76   4447.64   4482.26   0.00     15000.00   90.31   89.91   9734.39   768.94   4347.64   4482.26   0.00     15000.00   90.31   89.91   9733.86   768.10   4347.64   4482.26   0.00     15000.00   90.31   89.91   9733.26   768.10   4347.64   4481.95   0.00     15000.00   90.31   89.91   9732.27   7693.41   4447.64   4481.95   0.00     15000.00   90.31   89.91   9731.27   7693.73   5047.63   5081.45   0.00     15000.00   90.31   89.91   9731.12   7683.73   5047.63   5081.45   0.00     15000.00   90.31   89.91   9731.12   7683.73   5047.63   5081.45   0.00     15000.00   90.31   89.91   9730.65   770.04   5247.63   5281.18   0.00     16000.00   90.31   89.91   9730.65   770.04   5247.63   5281.18   0.00     16000.00   90.31   89.91   9730.25   770.55   547.63   5880.75   0.00     16000.00   90.31   89.91   972.05   770.55   547.63   5880.75   0.00     16000.00   90.31   89.91   972.65   770.55   547.63   5880.75   0.00     16000.00   90.31   89.91   972.65   770.65   547.63   5880.75   0.00     16000.00   90.31   89.91   972.65   770.65   547.63   5880.75   0.00     16000.00   90.31   89.91   972.65   770.65   547.63   5880.75   0.00     16000.00   90.31   89.91   972.65   770.65   547.63   5880.75   0.00     16000.00   90.31   89.91   972.65   770.65   547.63   5880.75   0.00     16000.00   90.31   89.91   972.65   770.65   547.63   5880.75   0.00     17000.00   90.31   89.91   972.65   770.65   647.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61   627.61									
145000   90.31   8991   973.813   767.84   3847.65   3883.07   0.00     147000   90.31   8991   973.60   768.01   447.65   4082.80   0.00     14800.00   90.31   8991   973.53   768.31   4147.65   4182.67   0.00     150000   90.31   8991   973.53   768.31   4147.65   4182.67   0.00     150000   90.31   8991   973.43   768.31   4147.65   4182.67   0.00     150000   90.31   8991   973.43   768.94   447.64   4382.40   0.00     150000   90.31   8991   973.43   768.94   447.64   4382.40   0.00     150000   90.31   8991   973.85   768.94   447.64   4382.40   0.00     150000   90.31   8991   973.85   768.94   447.64   4382.40   0.00     150000   90.31   8991   973.35   769.96   4747.64   4381.60   0.00     150000   90.31   8991   973.27   769.14   447.64   4881.72   0.00     150000   90.31   8991   973.27   769.14   447.64   4881.72   0.00     150000   90.31   8991   973.27   769.14   447.64   4881.72   0.00     150000   90.31   8991   973.19   769.88   5147.63   5881.59   0.00     150000   90.31   8991   973.05   770.65   547.63   5881.05   0.00     160000   90.31   8991   973.05   770.65   5447.63   5881.05   0.00     160000   90.31   8991   973.05   770.65   5447.63   5881.05   0.00     160000   90.31   8991   973.05   770.65   5447.63   5881.05   0.00     160000   90.31   8991   973.05   770.65   5447.63   5881.05   0.00     160000   90.31   8991   973.05   770.65   5447.63   5880.91   0.00     160000   90.31   8991   973.87   770.65   5447.63   5880.91   0.00     160000   90.31   8991   972.85   770.56   5447.63   5880.91   0.00     160000   90.31   8991   972.63   771.36   647.62   6680.10   0.00     160000   90.31   8991   972.63   771.36   647.62   6680.10   0.00     160000   90.31   8991   972.63   771.36   647.62   6680.10   0.00     170000   90.31   8991   973.17   772.66   647.61   6479.56   0.00     170000   90.31   8991   973.17   772.76   647.61   6479.56   0.00     170000   90.31   8991   973.07   772.56   687.61   6679.29   0.00     170000   90.31   8991   973.87   772.67   772.76   647.60   678.80									
1400.00   90.31   8991   9737.67   786.00   3947.65   3982.94   0.00     1400.00   90.31   8991   9736.53   788.31   4147.65   4182.67   0.00     1400.00   90.31   8991   9735.65   786.31   4147.65   4182.67   0.00     1510.00   90.31   8991   9735.46   766.63   4347.64   4382.40   0.00     1510.00   90.31   8991   9734.39   768.78   4347.64   4382.40   0.00     1520.00   90.31   8991   9734.39   768.94   4347.64   4382.13   0.00     1520.00   90.31   8991   9733.86   768.10   4476.44   4881.93   0.00     1520.00   90.31   8991   9732.97   769.41   4347.64   4381.79   0.00     1520.00   90.31   8991   9732.97   769.41   4347.64   4381.79   0.00     1520.00   90.31   8991   9731.72   769.73   5474.63   4381.79   0.00     1520.00   90.31   8991   9731.72   769.73   5474.63   5818.22   0.00     1520.00   90.31   8991   9731.72   769.88   5147.63   5818.32   0.00     1520.00   90.31   8991   9730.12   770.20   5347.63   5381.05   0.00     1620.00   90.31   8991   9730.12   770.20   5347.63   5381.05   0.00     1620.00   90.31   8991   9738.87   770.45   5347.63   5381.05   0.00     1620.00   90.31   8991   9728.87   770.45   5347.63   5381.05   0.00     1620.00   90.31   8991   9728.87   770.45   5347.63   5381.05   0.00     1620.00   90.31   8991   9728.87   770.85   5474.63   5381.05   0.00     1620.00   90.31   8991   9728.87   770.85   5474.62   5880.34   0.00     1620.00   90.31   8991   9728.87   770.85   5474.62   5880.34   0.00     1620.00   90.31   8991   9728.87   770.85   5474.62   5880.34   0.00     1620.00   90.31   8991   9728.87   770.85   5474.62   5880.34   0.00     1620.00   90.31   8991   9728.87   770.85   5474.62   5880.34   0.00     1620.00   90.31   8991   9728.87   770.85   5474.62   5880.34   0.00     1620.00   90.31   8991   9728.87   771.66   6476.6   679.29   0.00     1700.00   90.31   8991   9728.77   777.00   6476.1   6279.05   0.00     1700.00   90.31   8991   9728.77   777.00   6476.1   6279.05   0.00     1700.00   90.31   8991   9738.87   773.03   7747.60   7788.87   0.00     1700									
1470.00   90.31   8991   973-05   768.16   4047-65   4082.80   0.00     1490.00   90.31   8991   973-63   768.31   4147.65   4282.53   0.00     1500.00   90.31   8991   973-54   778-63   4476.64   4382.40   0.00     1500.00   90.31   8991   973-43   768.78   4447.64   4382.26   0.00     1500.00   90.31   8991   973-85   768.94   447.64   4382.61   0.00     1500.00   90.31   8991   973-36   768.10   447-64   4382.13   0.00     1500.00   90.31   8991   973-36   768.10   447-64   4382.13   0.00     1500.00   90.31   8991   973-37   768.94   447-64   4382.13   0.00     1500.00   90.31   8991   973-27   769.14   4487-64   4381.67   0.00     1500.00   90.31   8991   973-77   769.14   4487-64   4381.67   0.00     1500.00   90.31   8991   973-27   769.14   4487-64   4381.67   0.00     1500.00   90.31   8991   973-12   769.57   5447-63   4381.67   0.00     1500.00   90.31   8991   973-12   770.57   547-63   5381.32   0.00     1600.00   90.31   8991   973-15   770.67   547-63   5381.32   0.00     1600.00   90.31   8991   972-95   770.57   547-63   5381.32   0.00     1600.00   90.31   8991   972-95   770.57   547-63   5381.73   0.00     1600.00   90.31   8991   972-95   770.67   547-63   5380.74   0.00     1600.00   90.31   8991   972-75   770.67   547-62   5680.54   0.00     1600.00   90.31   8991   972-75   770.67   547-62   5680.54   0.00     1600.00   90.31   8991   972-75   770.67   547-63   5780.55   0.00     1600.00   90.31   8991   972-75   770.67   547-63   5780.55   0.00     1600.00   90.31   8991   972-75   770.67   547-63   5680.74   0.00     1700.00   90.31   8991   972-75   770.67   547-63   679-75   0.00     1700.00   90.31   8991   972-75   770.67   547-63   679-75   0.00     1700.00   90.31   8991   972-75   772-77   647-61   679-95   0.00     1700.00   90.31   8991   972-75   772-77   647-61   679-95   0.00     1700.00   90.31   8991   972-75   772-77   647-61   679-95   0.00     1700.00   90.31   8991   973-75   772-77   772-77   647-61   679-95   0.00     1700.00   90.31   8991   973-75   772-77   77									
14800.00   90.31   89.91   9736.35   768.31   4147.65   4182.67   0.00     15000.00   90.31   89.91   9735.96   768.62   4347.64   4322.63   0.00     15000.00   90.31   89.91   9734.39   768.78   4447.64   4482.26   0.00     15000.00   90.31   89.91   9734.39   768.94   4547.64   4681.99   0.00     15000.00   90.31   89.91   9733.82   769.26   4747.64   4681.99   0.00     15000.00   90.31   89.91   9733.82   769.26   4747.64   4681.99   0.00     15000.00   90.31   89.91   9732.79   769.24   4487.64   4881.72   0.00     15000.00   90.31   89.91   9732.79   769.24   4487.64   4881.72   0.00     15000.00   90.31   89.91   9732.75   769.73   5047.63   5081.45   0.00     15000.00   90.31   89.91   9731.72   769.73   5047.63   5081.45   0.00     15000.00   90.31   89.91   9731.72   769.73   5047.63   5081.45   0.00     15000.00   90.31   89.91   9730.12   770.20   5347.63   5381.05   0.00     15000.00   90.31   89.91   9730.12   770.20   5347.63   5381.05   0.00     16000.00   90.31   89.91   972.55   770.36   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.55   770.36   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.36   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.36   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00     16000.00   90.31   89.91   972.85   770.86   5447.63   5480.91   0.00   0									
1500.000   90.31   89.91   9735.95   768.47   4247.65   4282.53   0.00     1500.000   90.31   89.91   9734.93   768.78   4447.64   4482.26   0.00     1500.000   90.31   89.91   9734.93   768.78   4447.64   4482.26   0.00     1500.000   90.31   89.91   9733.86   769.10   4647.64   4681.99   0.00     1500.000   90.31   89.91   9733.87   769.10   4647.64   4881.72   0.00     1500.000   90.31   89.91   9732.27   769.64   4447.64   4482.61   0.00     1500.000   90.31   89.91   9732.27   769.64   4447.64   4881.72   0.00     1500.000   90.31   89.91   9732.27   769.73   5047.63   4981.95   0.00     1500.000   90.31   89.91   9731.72   769.73   5047.63   5081.45   0.00     1500.000   90.31   89.91   9730.65   770.04   5247.63   5281.18   0.00     1500.000   90.31   89.91   9730.65   770.04   5247.63   5281.18   0.00     1600.000   90.31   89.91   9730.65   770.04   5247.63   5281.18   0.00     1600.000   90.31   89.91   9720.57   770.20   5347.63   5381.05   0.00     1600.000   90.31   89.91   9720.57   770.20   5347.63   5381.05   0.00     1600.000   90.31   89.91   9720.57   770.67   5647.62   5680.64   0.00     1600.000   90.31   89.91   9722.58   770.36   5447.62   5680.64   0.00     1600.000   90.31   89.91   9722.58   770.36   5447.62   5680.64   0.00     1600.000   90.31   89.91   9722.58   770.68   5447.62   5680.64   0.00     1600.000   90.31   89.91   9722.58   771.06   6447.62   6680.10   0.00     1600.000   90.31   89.91   9722.58   771.06   6447.62   6680.10   0.00     1600.000   90.31   89.91   9722.51   771.14   5447.62   6799.02   0.00     1700.000   90.31   89.91   9723.37   772.24   6647.61   6379.70   0.00     1700.000   90.31   89.91   9722.64   772.40   6747.61   6799.16   0.00     1700.000   90.31   89.91   9723.67   772.72   6647.61   6579.83   0.00     1700.000   90.31   89.91   971.57   772.72   6647.61   6679.29   0.00     1700.000   90.31   89.91   971.83   773.81   7647.59   778.88   0.00     1700.000   90.31   89.91   971.83   773.81   7647.59   777.84   0.00     1800.000   90.31   89.91									
1500.000   90.31   89.91   9734.93   768.63   4347.64   4382.44   0.00     1500.000   90.31   89.91   9734.93   768.84   4347.64   4382.43   0.00     1500.000   90.31   89.91   9733.86   769.10   4647.64   4582.13   0.00     1500.000   90.31   89.91   9733.82   769.26   4747.64   4681.92   0.00     1500.000   90.31   89.91   9733.87   769.26   4747.64   4681.72   0.00     1500.000   90.31   89.91   9732.25   769.37   4947.63   481.72   0.00     1500.000   90.31   89.91   9731.27   769.73   5047.63   5081.45   0.00     1500.000   90.31   89.91   9731.17   769.73   5047.63   5081.45   0.00     1500.000   90.31   89.91   9731.17   769.88   5147.63   5281.18   0.00     1500.000   90.31   89.91   9730.15   770.04   5247.63   5281.18   0.00     1600.000   90.31   89.91   9730.15   770.05   5447.63   5281.18   0.00     1600.000   90.31   89.91   9725.58   770.67   5447.63   5880.78   0.00     1600.000   90.31   89.91   9725.58   770.67   5447.63   5880.78   0.00     1600.000   90.31   89.91   9725.79   770.67   5447.62   5680.64   0.00     1600.000   90.31   89.91   9725.74   770.67   5447.62   5680.64   0.00     1600.000   90.31   89.91   9725.87   771.67   5447.62   5680.44   0.00     1600.000   90.31   89.91   9725.87   771.67   5447.62   5680.34   0.00     1600.000   90.31   89.91   9725.87   771.67   5447.62   5680.34   0.00     1600.000   90.31   89.91   9725.87   771.14   5947.62   5980.24   0.00     1600.000   90.31   89.91   9725.37   771.45   6447.61   6379.60   0.00     1700.000   90.31   89.91   9725.37   771.29   6447.61   6379.60   0.00     1700.000   90.31   89.91   9725.37   771.45   6447.61   6379.60   0.00     1700.000   90.31   89.91   9725.37   771.20   6447.61   6379.60   0.00     1700.000   90.31   89.91   9725.37   771.20   6447.61   6379.60   0.00     1700.000   90.31   89.91   9725.07   773.50   7447.60   7478.21   0.00     1700.000   90.31   89.91   971.30   773.60   774.60   778.75   0.00     1800.000   90.31   89.91   971.83   773.60   774.60   778.75   0.00     1800.000   90.31   89.91									
15100.00   90.31   89.91   9734.93   768.78   4447.64   4482.65   0.00     15200.00   90.31   89.91   9733.86   769.10   4647.64   4681.99   0.00     15300.00   90.31   89.91   9733.86   769.10   4647.64   4681.99   0.00     15500.00   90.31   89.91   9732.27   769.61   4847.64   4881.72   0.00     15500.00   90.31   89.91   9732.25   769.57   4947.63   4981.99   0.00     15700.00   90.31   89.91   9731.72   769.73   5047.63   5081.45   0.00     15800.00   90.31   89.91   9731.72   769.73   5047.63   5081.45   0.00     15800.00   90.31   89.91   9730.12   770.20   5347.63   5381.05   0.00     16000.00   90.31   89.91   9730.12   770.20   5347.63   5381.05   0.00     16000.00   90.31   89.91   9729.55   770.51   5547.63   5580.74   0.00     16000.00   90.31   89.91   9729.55   770.51   5547.63   5580.74   0.00     16000.00   90.31   89.91   9728.85   770.67   5647.62   5680.64   0.00     16000.00   90.31   89.91   9727.98   770.85   5447.63   5880.73   0.00     16000.00   90.31   89.91   9727.98   770.85   5447.63   5880.73   0.00     16000.00   90.31   89.91   9725.81   771.65   6647.62   5880.74   0.00     16000.00   90.31   89.91   9725.84   771.46   6147.62   6179.97   0.00     16000.00   90.31   89.91   9725.84   771.46   6147.62   6179.97   0.00     17000.00   90.31   89.91   9724.24   771.93   6447.61   6279.83   0.00     17000.00   90.31   89.91   9724.24   771.77   6447.61   6279.83   0.00     17000.00   90.31   89.91   9724.24   771.77   6447.61   6279.83   0.00     17000.00   90.31   89.91   9724.77   771.77   6447.61   6279.83   0.00     17000.00   90.31   89.91   9724.24   771.30   6447.61   6279.83   0.00     17000.00   90.31   89.91   9724.24   771.30   6447.61   6279.83   0.00     17000.00   90.31   89.91   9724.24   771.30   6447.61   6279.83   0.00     17000.00   90.31   89.91   9724.70   772.70   6447.61   6479.56   0.00     17000.00   90.31   89.91   9724.97   773.97   774.70   7447.60   7478.21   6447.61   6479.56   0.00     17000.00   90.31   89.91   9740.97   773.97   7747.90   7447.60									
1520000   90.31   89.91   973.32   769.26   4747.64   4581.73   0.00     1540000   90.31   89.91   973.32   769.26   4747.64   4781.86   0.00     1550000   90.31   89.91   973.32   769.26   4747.64   4781.86   0.00     1550000   90.31   89.91   973.22   769.26   4747.64   4781.86   0.00     1570000   90.31   89.91   973.22   769.75   9476.8   5487.8   9481.59   0.00     1580000   90.31   89.91   973.12   770.8   5487.63   5281.8   0.00     1580000   90.31   89.91   973.012   770.20   5247.63   5281.8   0.00     1600000   90.31   89.91   972.95   770.36   5247.63   5281.8   0.00     1600000   90.31   89.91   972.95   770.36   5247.63   5281.8   0.00     1600000   90.31   89.91   972.95   770.36   5247.63   5281.8   0.00     1600000   90.31   89.91   972.95   770.36   5247.63   5281.8   0.00     1600000   90.31   89.91   972.85   770.36   5247.63   5280.78   0.00     1600000   90.31   89.91   972.85   770.36   5247.63   5280.78   0.00     1600000   90.31   89.91   972.85   770.36   5247.63   5280.78   0.00     1600000   90.31   89.91   972.85   770.36   5247.63   5280.78   0.00     1600000   90.31   89.91   972.53   771.14   5947.62   5880.37   0.00     1600000   90.31   89.91   972.53   771.14   5947.62   5880.37   0.00     1600000   90.31   89.91   972.53   771.14   6147.6   6147.6   6179.91   0.00     1600000   90.31   89.91   972.51   771.14   6147.6   6279.6   6279.9   0.00     1700000   90.31   89.91   972.31   772.20   6547.61   6279.83   0.00     1700000   90.31   89.91   972.31   772.20   6547.61   6279.8   0.00     1700000   90.31   89.91   972.31   772.20   6547.61   6279.8   0.00     1700000   90.31   89.91   972.31   772.7   6347.6   6379.7   0.00     1700000   90.31   89.91   972.31   772.7   6347.6   6379.7   0.00     1700000   90.31   89.91   972.31   772.7   6347.6   6379.7   0.00     1700000   90.31   89.91   972.31   772.7   6347.6   6379.7   0.00     1700000   90.31   89.91   972.31   772.7   6347.6   6379.7   0.00     1800000   90.31   89.91   973.03   774.6   7447.6   7478.2   0.00     180									
15300.00   90.31   89.91   973.86   769.10   4647.64   4681.99   0.00     15500.00   90.31   89.91   973.22   769.26   4747.64   4781.86   0.00     15500.00   90.31   89.91   973.22   769.41   4847.64   4881.72   0.00     15500.00   90.31   89.91   973.22   769.57   4947.63   4981.99   0.00     15500.00   90.31   89.91   9731.72   769.41   8487.64   4881.72   0.00     15800.00   90.31   89.91   973.19   769.88   5147.63   5981.45   0.00     15800.00   90.31   89.91   973.012   770.20   5347.63   5381.05   0.00     16000.00   90.31   89.91   973.02   770.20   5347.63   5381.05   0.00     16000.00   90.31   89.91   972.915   770.67   5647.62   5680.64   0.00     16200.00   90.31   89.91   972.85   770.88   5447.63   5880.78   0.00     16300.00   90.31   89.91   9727.85   770.88   5847.62   5880.64   0.00     16600.00   90.31   89.91   9727.85   770.88   5847.62   5880.64   0.00     16600.00   90.31   89.91   9727.85   770.88   5847.62   5880.64   0.00     16600.00   90.31   89.91   9726.38   771.30   6047.62   5690.10   0.00     16800.00   90.31   89.91   9726.38   771.46   6147.62   6199.70   0.00     16800.00   90.31   89.91   9725.31   771.77   6347.61   6279.83   0.00     17000.00   90.31   89.91   9723.71   771.77   6347.61   6279.83   0.00     17000.00   90.31   89.91   9723.71   772.70   6547.61   6279.83   0.00     17000.00   90.31   89.91   9723.71   772.70   6547.61   6679.94   0.00     17500.00   90.31   89.91   9722.10   772.56   6847.61   6679.92   0.00     17800.00   90.31   89.91   9722.10   772.56   6847.61   6679.92   0.00     17800.00   90.31   89.91   971.03   773.67   7447.60   6778.65   0.00     17800.00   90.31   89.91   971.03   773.67   7447.60   6778.65   0.00     17800.00   90.31   89.91   971.03   773.60   773.07   7447.60   7478.21   0.00     18800.00   90.31   89.91   971.83   773.60   774.60   7478.21   0.00     18800.00   90.31   89.91   971.83   773.60   774.60   7478.21   0.00     18800.00   90.31   89.91   971.85   774.60   7478.60   7478.60   7478.60   7478.60   7478.60   7478									
15500.00   90.31   89.91   9733.23   769.26   4747.64   4781.86   0.00     15500.00   90.31   89.91   9732.25   769.57   4947.63   4981.59   0.00     15000.00   90.31   89.91   9731.27   769.73   5047.63   5081.45   0.00     15900.00   90.31   89.91   9731.27   769.73   5047.63   5081.45   0.00     15900.00   90.31   89.91   9730.65   770.04   5247.63   5281.18   0.00     16000.00   90.31   89.91   9730.12   770.20   5347.63   5381.05   0.00     16100.00   90.31   89.91   9729.58   770.26   5347.63   5381.05   0.00     16100.00   90.31   89.91   9728.51   770.67   5647.62   5680.64   0.00     16400.00   90.31   89.91   9728.51   770.67   5647.62   5680.64   0.00     16500.00   90.31   89.91   9727.85   770.83   5747.62   5780.51   0.00     16500.00   90.31   89.91   9727.85   770.83   5747.62   5780.51   0.00     16500.00   90.31   89.91   9727.85   770.83   5747.62   5780.51   0.00     16500.00   90.31   89.91   9727.85   771.46   6147.62   6147.62   6179.79   0.00     16500.00   90.31   89.91   9728.87   771.46   6147.62   6179.79   0.00     16500.00   90.31   89.91   9728.87   771.46   6147.62   6179.79   0.00     16000.00   90.31   89.91   9728.87   771.46   6147.62   6179.79   0.00     17000.00   90.31   89.91   9728.47   771.76   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.17   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.17   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.17   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.17   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.17   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.17   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.71   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.71   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   9723.71   772.09   6347.61   6379.70   0.00     17000.00   90.31   89.91   972.00   772.87   772.76   6347.61   6379.70   0.00     1									
15600.00         90.31         89.91         9731.22         769.57         4947.63         4891.59         0.00           15700.00         90.31         89.91         9731.72         769.87         5081.45         0.00           15800.00         90.31         89.91         9730.65         770.04         5247.63         5281.18         0.00           1600.00         90.31         89.91         9730.12         770.20         5347.63         5381.32         0.00           16100.00         90.31         89.91         9729.58         770.36         5447.63         5880.78         0.00           16200.00         90.31         89.91         9728.51         770.67         564.62         5880.78         0.00           16400.00         90.31         89.91         9727.85         770.83         5747.62         5780.51         0.00           16500.00         90.31         89.91         9727.84         771.45         597.62         5880.73         0.00           16900.00         90.31         89.91         9725.83         771.46         6147.62         6090.10         0.00           17000.00         90.31         89.91         9724.24         771.97         6447.61         <	15400.00		89.91		769.26				
15700.00   90.31   89.91   9731.72   769.73   5047.63   5081.45   0.00     15800.00   90.31   89.91   9731.15   769.88   5147.63   5181.32   0.00     16000.00   90.31   89.91   9730.55   770.04   5247.63   5281.18   0.00     16000.00   90.31   89.91   9729.55   770.36   5447.63   5480.19   0.00     16200.00   90.31   89.91   9729.55   770.67   5547.63   5860.78   0.00     16300.00   90.31   89.91   9728.51   770.67   5547.63   5860.78   0.00     16500.00   90.31   89.91   9727.85   770.83   5747.62   5780.51   0.00     16500.00   90.31   89.91   9724.57   770.88   5447.62   5880.37   0.00     16500.00   90.31   89.91   9726.38   771.30   6047.62   6080.10   0.00     16600.00   90.31   89.91   9726.38   771.30   6047.62   6080.10   0.00     16600.00   90.31   89.91   9725.84   771.14   5447.62   5780.51   0.00     16000.00   90.31   89.91   9725.31   771.61   6247.61   6279.38   0.00     16000.00   90.31   89.91   9725.31   771.61   6247.61   6279.38   0.00     17000.00   90.31   89.91   9723.71   771.67   6347.61   6379.70   0.00     17000.00   90.31   89.91   9724.77   771.77   6347.61   6379.70   0.00     17000.00   90.31   89.91   9724.77   771.77   6347.61   6379.70   0.00     17000.00   90.31   89.91   9722.31   772.00   6547.61   6579.43   0.00     17000.00   90.31   89.91   9722.37   772.40   6474.61   6479.56   0.00     17000.00   90.31   89.91   9722.10   772.40   6474.61   6479.56   0.00     17000.00   90.31   89.91   9721.03   772.40   6474.60   6789.89   0.00     17000.00   90.31   89.91   9721.03   772.40   6474.60   6789.89   0.00     17000.00   90.31   89.91   9721.03   772.40   6474.60   6789.89   0.00     17000.00   90.31   89.91   9718.30   773.36   7474.60   6788.89   0.00     18000.00   90.31   89.91   9718.30   773.50   7447.60   7478.60   747	15500.00	90.31	89.91	9732.79	769.41	4847.64	4881.72	0.00	
15800.00         90.31         89.91         973.1,9         769.86         5147.63         5181.32         0.00           15900.00         90.31         89.91         973.065         770.04         5247.63         5281.18         0.00           16100.00         90.31         89.91         9729.58         770.36         5447.63         5881.05         0.00           16200.00         90.31         89.91         9728.51         770.67         5647.62         5680.64         0.00           16300.00         90.31         89.91         9727.85         770.85         5847.62         5680.64         0.00           16500.00         90.31         89.91         9727.65         770.85         5847.62         5800.21         0.00           16500.00         90.31         89.91         9726.63         771.14         5947.62         5980.24         0.00           16900.00         90.31         89.91         9725.33         771.16         6447.62         6080.10         0.00           16900.00         90.31         89.91         9725.31         771.16         6247.61         6379.92         0.00           17000.00         90.31         89.91         9722.47         771.77	15600.00	90.31	89.91	9732.25	769.57	4947.63	4981.59	0.00	
15900.00         90.31         89.91         9730.65         770.04         5247.63         5281.18         0.00           16000.00         90.31         89.91         9729.05         770.20         5347.63         5880.78         0.00           16200.00         90.31         89.91         9729.05         770.51         5547.63         5580.78         0.00           16300.00         90.31         89.91         9728.51         770.67         5647.62         5680.64         0.00           16500.00         90.31         89.91         9727.85         770.83         5747.62         5780.51         0.00           16500.00         90.31         89.91         9726.38         771.30         6047.62         5880.37         0.00           16600.00         90.31         89.91         9725.84         771.46         6147.62         6080.10         0.00           16900.00         90.31         89.91         9725.84         771.77         6347.61         6379.70         0.00           17000.00         90.31         89.91         9722.47         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9722.17         772.24	15700.00	90.31	89.91	9731.72	769.73	5047.63	5081.45	0.00	
1600.00   90.31   89.91   9730.12   770.20   5347.63   5381.05   0.00     16100.00   90.31   89.91   9729.58   770.36   5447.63   5880.78   0.00     16300.00   90.31   89.91   9722.95   770.51   5547.63   5580.78   0.00     16300.00   90.31   89.91   9727.98   770.83   5747.62   5780.51   0.00     16600.00   90.31   89.91   9727.98   770.83   5747.62   5780.51   0.00     16600.00   90.31   89.91   9727.98   771.04   5947.62   5880.37   0.00     16600.00   90.31   89.91   9725.81   771.14   5947.62   5980.24   0.00     16700.00   90.31   89.91   9725.84   771.46   6147.62   6179.97   0.00     16800.00   90.31   89.91   9725.31   771.16   6247.61   6279.83   0.00     17000.00   90.31   89.91   9724.24   771.93   6447.61   6379.70   0.00     17000.00   90.31   89.91   9724.24   771.93   6447.61   6379.70   0.00     17200.00   90.31   89.91   9723.71   772.24   6647.61   6579.43   0.00     17300.00   90.31   89.91   9722.64   772.40   6647.61   6579.29   0.00     17600.00   90.31   89.91   9721.57   772.71   6947.60   6978.89   0.00     17600.00   90.31   89.91   9721.57   772.71   6947.60   6978.89   0.00     17600.00   90.31   89.91   9721.57   772.71   6947.60   6778.75   0.00     17600.00   90.31   89.91   9721.57   772.71   6947.60   6778.75   0.00     17600.00   90.31   89.91   9721.57   772.71   6947.60   6778.75   0.00     17600.00   90.31   89.91   9710.3   772.87   7047.60   7078.75   0.00     17800.00   90.31   89.91   9710.3   772.87   7047.60   7078.75   0.00     18000.00   90.31   89.91   9718.36   773.50   7747.60   7788.51   0.00     18000.00   90.31   89.91   9718.37   773.50   7747.60   7788.51   0.00     18000.00   90.31   89.91   9715.69   774.44   8047.59   877.76   0.00     18000.00   90.31   89.91   9715.69   774.44   8047.59   877.76   0.00     18000.00   90.31   89.91   9715.69   774.44   8047.59   877.70   0.00     18000.00   90.31   89.91   9715.60   774.60   774.60   774.60   774.60   774.60   774.60   774.60   774.60   777.81   0.00     18000.00   90.31   89.91   9715.60   774.44   80	15800.00	90.31	89.91	9731.19	769.88	5147.63	5181.32	0.00	
16100.00   90.31   89.91   9729.58   770.36   5447.63   5480.91   0.00     16200.00   90.31   89.91   9729.05   770.51   5547.63   5580.78   0.00     16400.00   90.31   89.91   9727.88   770.83   5747.62   5780.51   0.00     16500.00   90.31   89.91   9727.85   770.87   5847.62   5780.51   0.00     16600.00   90.31   89.91   9726.38   771.30   6047.62   6080.10   0.00     16800.00   90.31   89.91   9725.84   771.46   6147.62   6179.97   0.00     16900.00   90.31   89.91   9725.84   771.46   6147.62   6179.97   0.00     16900.00   90.31   89.91   9725.31   771.61   6247.61   6279.63   0.00     17000.00   90.31   89.91   9724.77   771.77   6347.61   6379.70   0.00     17100.00   90.31   89.91   9723.71   772.24   6647.61   6579.43   0.00     17200.00   90.31   89.91   9723.17   772.24   6647.61   6679.29   0.00     17400.00   90.31   89.91   9722.10   772.56   6847.61   6679.29   0.00     17500.00   90.31   89.91   9721.57   772.71   6947.60   6978.89   0.00     17600.00   90.31   89.91   9721.57   772.71   6947.60   6978.59   0.00     17600.00   90.31   89.91   9721.57   772.71   6947.60   6798.59   0.00     17800.00   90.31   89.91   9711.57   772.71   6947.60   6778.55   0.00     17800.00   90.31   89.91   9711.57   772.71   6947.60   6778.55   0.00     17800.00   90.31   89.91   9711.57   772.71   6947.60   6778.55   0.00     17800.00   90.31   89.91   9711.57   772.71   6747.60   7078.55   0.00     18000.00   90.31   89.91   9711.59   773.50   7447.60   7478.21   0.00     18000.00   90.31   89.91   9718.30   773.60   773.60   773.85   0.00     18000.00   90.31   89.91   9718.50   774.60   774.50   777.71   0.00     18000.00   90.31   89.91   9718.50   774.60   774.50   777.75   777.77   777.75   777.77   777.75   7		90.31	89.91		770.04	5247.63	5281.18	0.00	
16200.00   90.31   89.91   9728.05   770.51   5547.62   5580.78   0.00     16300.00   90.31   89.91   9728.51   770.67   5647.62   5680.64   0.00     16500.00   90.31   89.91   9727.45   770.98   5847.62   5880.37   0.00     16500.00   90.31   89.91   9726.91   771.14   5947.62   5880.37   0.00     16600.00   90.31   89.91   9726.91   771.14   5947.62   5880.24   0.00     16600.00   90.31   89.91   9725.84   771.36   6047.62   6080.10   0.00     16800.00   90.31   89.91   9725.31   771.61   6247.61   6279.83   0.00     17000.00   90.31   89.91   9724.24   771.37   6447.61   6479.56   0.00     17000.00   90.31   89.91   9723.71   772.09   6547.61   6579.33   0.00     17200.00   90.31   89.91   9723.71   772.09   6547.61   6579.39   0.00     17300.00   90.31   89.91   9722.64   772.40   6747.61   6679.29   0.00     17400.00   90.31   89.91   9722.10   772.56   6847.61   6679.29   0.00     17500.00   90.31   89.91   9721.03   772.87   7047.60   7078.75   0.00     17600.00   90.31   89.91   9721.03   772.87   7047.60   7078.75   0.00     17800.00   90.31   89.91   9721.03   772.87   7047.60   7078.75   0.00     17800.00   90.31   89.91   9719.39   773.19   773.40   6747.60   778.85   0.00     18000.00   90.31   89.91   9719.30   773.30   7147.60   778.85   0.00     18000.00   90.31   89.91   9719.30   773.30   7147.60   778.85   0.00     18000.00   90.31   89.91   9718.30   773.50   7447.60   7478.21   0.00     18000.00   90.31   89.91   9718.30   773.60   773.60   773.60   777.81   0.00     18000.00   90.31   89.91   9718.30   773.60   773.60   773.60   777.81   0.00     18000.00   90.31   89.91   9716.23   774.29   774.59   777.75									
1630000         90.31         89.91         9728.51         770.67         5647.62         5680.64         0.00           16400.00         90.31         89.91         9727.98         770.83         5747.62         5780.51         0.00           16500.00         90.31         89.91         9727.45         770.98         5847.62         5880.37         0.00           16700.00         90.31         89.91         9726.38         771.30         6047.62         6080.10         0.00           16800.00         90.31         89.91         9725.84         771.46         6147.62         6179.97         0.00           17000.00         90.31         89.91         9725.31         771.17         6347.61         6379.90         0.00           17200.00         90.31         89.91         9724.27         771.77         6347.61         6379.90         0.00           17300.00         90.31         89.91         9722.71         772.24         6647.61         6679.29         0.00           17500.00         90.31         89.91         9722.10         772.80         6747.61         6779.16         0.00           17600.00         90.31         89.91         9721.57         772.71									
1640000         90.31         89.91         9727.98         770.83         5747.62         5780.51         0.00           16500.00         90.31         89.91         9727.69         770.88         5847.62         5880.37         0.00           16700.00         90.31         89.91         9726.38         771.30         6047.62         6080.10         0.00           16800.00         90.31         89.91         9725.84         771.46         6147.62         6179.97         0.00           17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9722.31         772.24         6647.61         6679.29         0.00           17500.00         90.31         89.91         9721.57         772.40         6747.61         6779.16         0.00           17600.00         90.31         89.91         9721.57         772.87									
16500.00         90.31         89.91         9727.45         770.98         5847.62         5880.37         0.00           16600.00         90.31         89.91         9726.38         771.30         6080.10         0.00           16800.00         90.31         89.91         9726.38         771.46         6147.62         6179.97         0.00           16900.00         90.31         89.91         9725.31         771.61         6227.61         6279.83         0.00           17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9724.74         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9722.17         772.29         6547.61         6679.59         0.00           17300.00         90.31         89.91         9722.64         772.40         6647.61         6679.29         0.00           17500.00         90.31         89.91         9721.07         772.75         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60									
16600.00         90.31         89.91         9726.91         771.14         5947.62         5980.24         0.00           16700.00         90.31         89.91         9725.83         771.30         6047.62         6080.10         0.00           16900.00         90.31         89.91         9725.31         771.61         6247.61         6279.83         0.00           17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9724.77         771.79         6547.61         6379.70         0.00           17200.00         90.31         89.91         9722.17         772.09         6547.61         6579.43         0.00           17300.00         90.31         89.91         9722.17         772.24         6647.61         6679.29         0.00           17400.00         90.31         89.91         9722.10         772.56         6847.61         6679.29         0.00           17500.00         90.31         89.91         9721.03         772.77         7047.60         7078.75         0.00           17900.00         90.31         89.91         9710.03         772.47									
16700.00         90.31         89.91         9726.38         771.30         6047.62         6080.10         0.00           16800.00         90.31         89.91         9725.84         771.61         6247.61         6279.83         0.00           17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17100.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9723.17         772.09         6547.61         6579.94         0.00           17300.00         90.31         89.91         9722.17         772.24         6647.61         6679.99         0.00           17500.00         90.31         89.91         9722.10         772.75         6947.61         6679.29         0.00           17500.00         90.31         89.91         9721.03         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7787.55         0.00           17900.00         90.31         89.91         9714.03         772.47									
16800.00         90.31         89.91         9725.84         771.46         6147.62         6179.97         0.00           16900.00         90.31         89.91         9725.31         771.61         6247.61         6279.83         0.00           17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9723.71         772.99         6547.61         6579.43         0.00           17300.00         90.31         89.91         9723.71         772.24         6647.61         6679.29         0.00           17400.00         90.31         89.91         9722.10         772.56         6847.61         6679.29         0.00           17500.00         90.31         89.91         9721.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9719.33         7147.60         7078.75         0.00           17800.00         90.31         89.91         9719.43         773.34         7347.60									
16900.00         90.31         89.91         9725.31         771.61         6247.61         6279.83         0.00           17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17200.00         90.31         89.91         9724.24         771.93         6447.61         6479.56         0.00           17300.00         90.31         89.91         9723.17         772.24         6647.61         6679.29         0.00           17400.00         90.31         89.91         9722.10         772.56         6847.61         6679.29         0.00           17500.00         90.31         89.91         9722.10         772.56         6847.61         6879.02         0.00           17600.00         90.31         89.91         9721.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9719.03         773.37         7247.60         7278.48         0.00           18000.00         90.31         89.91         9718.30         734.60									
17000.00         90.31         89.91         9724.77         771.77         6347.61         6379.70         0.00           17100.00         90.31         89.91         9724.24         771.93         6447.61         6479.56         0.00           17200.00         90.31         89.91         9723.71         772.29         6547.61         6579.43         0.00           17400.00         90.31         89.91         9722.10         772.24         6647.61         6679.29         0.00           17500.00         90.31         89.91         9722.10         772.56         6847.61         6679.29         0.00           17600.00         90.31         89.91         9721.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9719.97         773.19         7247.60         778.75         0.00           18000.00         90.31         89.91         9719.97         773.34         7347.60         7378.35         0.00           18000.00         90.31         89.91         9718.90         773.50									
17100.00         90.31         89.91         9724.24         771.93         6447.61         6479.56         0.00           17200.00         90.31         89.91         9723.71         772.24         6657.61         6579.43         0.00           17300.00         90.31         89.91         9723.77         772.24         6647.61         6679.29         0.00           17500.00         90.31         89.91         9722.64         772.40         6747.61         6779.16         0.00           17600.00         90.31         89.91         9722.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9720.50         773.03         7147.60         778.75         0.00           17900.00         90.31         89.91         9719.97         773.19         7247.60         7278.48         0.00           18000.00         90.31         89.91         9718.36         773.60         738.35         0.00           18200.00         90.31         89.91         9717.83         773.61         7447.60									
17200.00         90.31         89.91         9723.71         772.09         6547.61         6579.43         0.00           17300.00         90.31         89.91         9723.17         772.24         6647.61         6679.29         0.00           17400.00         90.31         89.91         9722.10         772.56         6847.61         6879.02         0.00           17600.00         90.31         89.91         9721.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9720.50         773.03         7147.60         7178.62         0.00           17900.00         90.31         89.91         9719.43         773.34         7347.60         7378.35         0.00           18000.00         90.31         89.91         9718.90         773.50         7447.60         7378.35         0.00           18200.00         90.31         89.91         9718.30         774.60         7478.21         0.00           18400.00         90.31         89.91         9717.83         773.66         7547.59									
17300.00         90.31         89.91         9723.17         772.24         6647.61         6679.29         0.00           17400.00         90.31         89.91         9722.64         772.40         6747.61         6779.16         0.00           17500.00         90.31         89.91         9721.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9719.73         773.03         7147.60         7778.46         0.00           18000.00         90.31         89.91         9719.97         773.19         7247.60         7278.48         0.00           18200.00         90.31         89.91         9718.36         773.50         7447.60         7478.21         0.00           18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18400.00         90.31         89.91         9716.67         774.13									
17400.00         90.31         89.91         9722.64         772.40         6747.61         6779.16         0.00           17500.00         90.31         89.91         9722.10         772.56         6847.61         6879.02         0.00           17600.00         90.31         89.91         9721.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17900.00         90.31         89.91         9719.97         773.03         7147.60         7178.62         0.00           18000.00         90.31         89.91         9719.97         773.34         7347.60         7378.35         0.00           18100.00         90.31         89.91         9718.30         773.50         7447.60         7478.21         0.00           18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18300.00         90.31         89.91         9717.83         773.81         7647.59         7577.94         0.00           18500.00         90.31         89.91         9716.67         774.13									
17600.00         90.31         89.91         9721.57         772.71         6947.60         6978.89         0.00           17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9720.50         773.03         7147.60         7178.62         0.00           18000.00         90.31         89.91         9719.97         773.19         7247.60         7278.48         0.00           18100.00         90.31         89.91         9718.93         7347.60         7378.35         0.00           18200.00         90.31         89.91         9718.93         773.50         7447.60         7378.35         0.00           18300.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18400.00         90.31         89.91         9717.83         773.81         7647.59         7677.94         0.00           18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9715.69         774.44         8047.59									
17700.00         90.31         89.91         9721.03         772.87         7047.60         7078.75         0.00           17800.00         90.31         89.91         9720.50         773.03         7147.60         7178.62         0.00           17900.00         90.31         89.91         9719.97         773.19         7247.60         7278.48         0.00           18000.00         90.31         89.91         9718.43         773.34         7347.60         7378.35         0.00           18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18300.00         90.31         89.91         9717.29         773.81         7647.59         7677.94         0.00           18400.00         90.31         89.91         9716.76         774.13         7847.59         7777.81         0.00           18500.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18600.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.16         774.60	17500.00		89.91		772.56	6847.61	6879.02	0.00	
17800.00         90.31         89.91         9720.50         773.03         7147.60         7178.62         0.00           17900.00         90.31         89.91         9719.97         773.19         7247.60         7278.48         0.00           18000.00         90.31         89.91         9719.43         773.34         7347.60         7378.35         0.00           18200.00         90.31         89.91         9718.90         773.50         7447.60         7478.21         0.00           18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18300.00         90.31         89.91         9717.83         773.81         7647.59         7677.94         0.00           18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9714.62         774.76		90.31	89.91	9721.57	772.71	6947.60	6978.89	0.00	
17900.00         90.31         89.91         9719.97         773.19         7247.60         7278.48         0.00           18000.00         90.31         89.91         9719.43         773.34         7347.60         7378.35         0.00           18100.00         90.31         89.91         9718.90         773.50         7447.60         7478.21         0.00           18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18300.00         90.31         89.91         9717.83         773.81         7647.59         7677.94         0.00           18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.69         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9715.60         774.60         8147.59         8177.27         0.00           19000.00         90.31         89.91         9714.62         774.76									
18000.00         90.31         89.91         9719.43         773.34         7347.60         7378.35         0.00           18100.00         90.31         89.91         9718.90         773.50         7447.60         7478.21         0.00           18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18300.00         90.31         89.91         9717.29         773.97         7747.59         7777.81         0.00           18500.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18600.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.66         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9714.62         774.66         8247.58         8277.13         0.00           1900.00         90.31         89.91         9713.55         775.07									
18100.00         90.31         89.91         9718.90         773.50         7447.60         7478.21         0.00           18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18300.00         90.31         89.91         9717.83         773.81         7647.59         7677.94         0.00           18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.66         774.76         8247.58         8277.13         0.00           18900.00         90.31         89.91         9714.62         774.76         8247.58         8277.13         0.00           19000.00         90.31         89.91         9714.62         774.76         8247.58         8377.00         0.00           19100.00         90.31         89.91         9713.05         775.07									
18200.00         90.31         89.91         9718.36         773.66         7547.59         7578.08         0.00           18300.00         90.31         89.91         9717.83         773.81         7647.59         7677.94         0.00           18400.00         90.31         89.91         9717.29         773.97         7747.59         777.81         0.00           18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.16         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9714.62         774.76         8247.58         8277.13         0.00           19000.00         90.31         89.91         9714.09         774.92         8347.58         8377.00         0.00           19100.00         90.31         89.91         9714.09         774.92									
18300.00         90.31         89.91         9717.83         773.81         7647.59         7677.94         0.00           18400.00         90.31         89.91         9717.29         773.97         7747.59         7777.81         0.00           18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.16         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9714.62         774.76         8247.58         8277.13         0.00           19000.00         90.31         89.91         9714.09         774.92         8347.58         8377.00         0.00           19100.00         90.31         89.91         9714.09         774.92         8347.58         8476.86         0.00           19200.00         90.31         89.91         9713.02         775.23									
18400.00         90.31         89.91         9717.29         773.97         7747.59         777.81         0.00           18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.16         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9714.62         774.76         8247.58         8277.13         0.00           19000.00         90.31         89.91         9714.02         774.92         8347.58         8377.00         0.00           19100.00         90.31         89.91         9713.55         775.07         8447.58         8476.86         0.00           19200.00         90.31         89.91         9713.02         775.23         8547.58         8576.73         0.00									
18500.00         90.31         89.91         9716.76         774.13         7847.59         7877.67         0.00           18600.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.16         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9714.62         774.76         8247.58         8277.13         0.00           19000.00         90.31         89.91         9713.55         775.07         8447.58         8377.00         0.00           19200.00         90.31         89.91         9713.02         775.23         8547.58         8576.73         0.00									
18600.00         90.31         89.91         9716.23         774.29         7947.59         7977.54         0.00           18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.16         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9714.62         774.76         8247.58         8277.13         0.00           1900.00         90.31         89.91         9713.55         775.07         8447.58         8377.00         0.00           19200.00         90.31         89.91         9713.02         775.23         8547.58         8576.73         0.00									
18700.00         90.31         89.91         9715.69         774.44         8047.59         8077.40         0.00           18800.00         90.31         89.91         9715.16         774.60         8147.59         8177.27         0.00           18900.00         90.31         89.91         9714.62         774.76         8247.58         8277.13         0.00           19000.00         90.31         89.91         9714.09         774.92         8347.58         8377.00         0.00           19100.00         90.31         89.91         9713.55         775.07         8447.58         8476.86         0.00           19200.00         90.31         89.91         9713.02         775.23         8547.58         8576.73         0.00									
18800.00     90.31     89.91     9715.16     774.60     8147.59     8177.27     0.00       18900.00     90.31     89.91     9714.62     774.76     8247.58     8277.13     0.00       19000.00     90.31     89.91     9714.09     774.92     8347.58     8377.00     0.00       19100.00     90.31     89.91     9713.55     775.07     8447.58     8476.86     0.00       19200.00     90.31     89.91     9713.02     775.23     8547.58     8576.73     0.00									
18900.00     90.31     89.91     9714.62     774.76     8247.58     8277.13     0.00       19000.00     90.31     89.91     9714.09     774.92     8347.58     8377.00     0.00       19100.00     90.31     89.91     9713.55     775.07     8447.58     8476.86     0.00       19200.00     90.31     89.91     9713.02     775.23     8547.58     8576.73     0.00									
19000.00     90.31     89.91     9714.09     774.92     8347.58     8377.00     0.00       19100.00     90.31     89.91     9713.55     775.07     8447.58     8476.86     0.00       19200.00     90.31     89.91     9713.02     775.23     8547.58     8576.73     0.00									
19100.00 90.31 89.91 9713.55 775.07 8447.58 8476.86 0.00 19200.00 90.31 89.91 9713.02 775.23 8547.58 8576.73 0.00									
19200.00 90.31 89.91 9713.02 775.23 8547.58 8576.73 0.00									
<del></del>									



County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983

Datum: North American Datum 1927

Ellipsoid: Clarke 1866 Zone: 3001 - NM East (NAD83)

	MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
1950000         931         8991         97108         775.08         89475.7         8876.19         0.00           1970000         931         8991         97108         775.02         90475.7         9175.92         0.00           1990000         9031         8991         9709.81         776.17         9147.57         9175.92         0.00           200000         9031         8991         9708.25         776.33         9247.57         9275.78         0.00           200000         9031         8991         9708.25         776.89         9347.57         9275.60         0.00           200000         9031         8991         9708.26         776.80         9547.56         9575.38         0.00           2040000         9031         8991         9706.07         777.27         947.56         967.54         0.00           2050000         9031         8991         9705.01         777.73         947.56         997.497         0.00           2080000         9031         8991         9705.41         777.69         1047.55         1017.470         0.00           2090000         9031         8991         9705.41         777.69         1027.55         1007.440 </th <th>(ft)</th> <th>(°)</th> <th>(°)</th> <th>(ft)</th> <th>(ft)</th> <th>(ft)</th> <th>(ft)</th> <th>(°/100ft)</th> <th>Comment</th>	(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	Comment
1980000         931         8991         971038         775.86         894757         8976.95         0.00           1980000         90.31         8991         970828         776.37         9147.57         9175.92         0.00           1990000         90.31         8991         9708.27         776.33         9247.57         9275.76         0.00           2000000         90.31         8991         9708.27         776.69         9447.57         9375.65         0.00           2000000         90.31         8991         9707.68         776.69         9547.56         9573.38         0.00           2030000         90.31         8991         9707.14         776.69         9647.56         9675.24         0.00           2050000         90.31         8991         9706.61         777.27         9447.56         967.24         0.00           2070000         90.31         8991         9705.47         777.72         9447.56         967.24         0.00           2070000         90.31         8991         9705.47         777.72         9447.56         1074.70         0.00           2100000         90.31         8991         9702.47         778.21         10447.55	19400.00	90.31	89.91	9711.95	775.54	8747.58	8776.46	0.00	
19700.00         931         8991         970981         776.02         9947.57         917.59         0.00           19900.00         931         8991         9709.81         776.33         9247.57         9275.68         0.00           20000.00         90.31         8991         9708.28         776.39         9347.57         9375.55         0.00           20000.00         90.31         8991         9707.68         776.64         9447.55         947.55         0675.24         0.00           20000.00         90.31         8991         9706.61         777.12         9747.56         975.34         0.00           20000.00         90.31         8991         9706.67         777.72         947.56         9974.97         0.00           20000.00         90.31         8991         9705.01         777.31         9947.56         9974.97         0.00           20000.00         90.31         8991         9705.41         777.69         1007.55         10074.70         0.00           20000.00         90.31         8991         9708.47         777.42         1014.55         10174.55         10074.40         0.00           21000.00         90.31         8991         9701.23 </td <td>19500.00</td> <td>90.31</td> <td>89.91</td> <td>9711.42</td> <td>775.70</td> <td>8847.57</td> <td>8876.32</td> <td>0.00</td> <td></td>	19500.00	90.31	89.91	9711.42	775.70	8847.57	8876.32	0.00	
1980000         9.31         89.91         9700.81         776.49         9347.57         9375.52         0.00           20000.00         9.31         89.91         9708.75         776.49         9347.57         9375.65         0.00           20000.00         9.31         89.91         9707.61         776.64         9447.57         9475.51         0.00           20300.00         9.31         89.91         9707.61         776.69         947.56         875.34         0.00           20300.00         9.31         89.91         9705.61         777.12         947.56         9775.11         0.00           20500.00         9.31         89.91         9705.51         777.47         947.56         997.47         0.00           20600.00         9.31         89.91         9705.51         777.43         947.56         1074.70         0.00           20900.00         9.31         89.91         9703.47         777.79         10247.55         10274.43         0.00           21000.00         9.31         89.91         9702.87         778.22         1044.75         10274.43         0.00           21000.00         9.31         89.91         9702.83         778.31         1047.55<	19600.00	90.31	89.91	9710.88	775.86	8947.57	8976.19	0.00	
1990000         9.31         89.91         9708.75         776.49         9347.57         9375.75         0.00           20100.00         9.031         89.91         9708.75         776.64         9347.57         9375.65         0.00           20200.00         9.031         89.91         9707.68         776.69         9447.57         9775.51         0.00           20300.00         9.031         89.91         9706.61         777.12         9475.66         9675.24         0.00           20600.00         9.031         89.91         9706.67         777.72         947.56         9775.11         0.00           20600.00         9.031         89.91         9705.01         777.73         1047.56         1077.47         0.00           20800.00         9.031         89.91         9704.47         777.74         10147.55         1027.43         0.00           21000.00         9.031         89.91         9703.40         778.60         10347.55         10374.30         0.00           21000.00         9.031         89.91         9702.87         778.22         10447.55         10374.51         0.00           21000.00         9.031         89.91         9700.37         778.85		90.31			776.02			0.00	
2000.00         9.31         89.91         9708.75         776.49         9347.57         937.55         0.00           2020.00         9.31         89.91         9707.68         776.80         9547.56         9575.38         0.00           2020.00         9.31         89.91         9707.14         776.90         9547.56         9575.34         0.00           2050.00         90.31         89.91         9706.61         777.71         9747.56         977.541         10.00           2050.00         90.31         89.91         9705.54         777.73         947.56         974.84         0.00           2070.00         90.31         89.91         9705.54         777.74         10147.55         10147.57         0.00           2080.00         90.31         89.91         9703.40         777.90         10247.55         10274.73         0.00           2100.00         90.31         89.91         9703.34         777.80         10347.55         10474.54         0.00           2100.00         90.31         89.91         9701.27         778.69         1047.54         10773.76         0.00           2100.00         90.31         89.91         9701.27         778.69         10									
2010000         90.31         89.91         9707.68         776.68         9447.57         947.51         0.00           2020000         90.31         89.91         9707.68         776.80         9547.56         9675.24         0.00           2030000         90.31         89.91         9706.61         777.12         9474.56         9875.71         0.00           2060000         90.31         89.91         9706.07         777.27         9474.56         9874.97         0.00           2060000         90.31         89.91         9705.01         777.74         1047.55         1074.43         0.00           20800.00         90.31         89.91         9704.47         777.74         1047.55         1074.43         0.00           21000.00         90.31         89.91         9703.40         778.06         1034.75         1034.75         0.00           21200.00         90.31         89.91         9701.80         778.53         10647.55         10574.36         0.00           21300.00         90.31         89.91         9701.80         778.53         10647.55         10573.89         0.00           21500.00         90.31         89.91         969.60         779.76         <									
2020000         90.31         89.91         9707.68         776.80         9547.56         9547.58         0.00           2030000         90.31         89.91         9706.61         777.12         9747.56         9775.11         0.00           2050000         90.31         89.91         9706.67         777.27         9847.56         9874.94         0.00           2070000         90.31         89.91         9705.54         777.73         9947.56         9974.81         0.00           2080000         90.31         89.91         9703.44         777.77         10475.5         1074.70         0.00           2090000         90.31         89.91         9703.44         777.77         10475.5         10274.30         0.00           2100000         90.31         89.91         9702.37         778.22         10447.5         10474.6         0.00           2100000         90.31         89.91         9701.30         778.37         10647.5         10674.53         0.00           2100000         90.31         89.91         9701.20         778.00         10947.54         10973.36         0.00           2100000         90.31         89.91         960.20         779.00         1									
2030000         90.31         89.91         9706.14         777.69         9647.56         9975.24         0.00           20500.00         90.31         89.91         9706.61         777.12         9747.56         9775.11         0.00           20500.00         90.31         89.91         9705.67         777.73         9847.56         9974.84         0.00           20600.00         90.31         89.91         9705.01         777.79         10475.55         10174.57         0.00           20800.00         90.31         89.91         9703.40         777.70         10475.55         10174.57         0.00           21000.00         90.31         89.91         9703.40         778.06         10347.55         10374.36         0.00           21000.00         90.31         89.91         9702.33         778.73         10547.55         10674.36         0.00           21300.00         90.31         89.91         9701.27         778.69         10747.54         10797.36         0.00           21400.00         90.31         89.91         9700.73         778.85         10647.55         10673.89         0.00           21500.00         90.31         89.91         9696.67         779.61<									
20400.00         90.31         89.91         9706.61         777.12         9747.56         975.11         0.00           20500.00         90.31         89.91         9705.54         777.43         9947.56         9974.84         0.00           20600.00         90.31         89.91         9705.54         777.43         1947.55         1007.70         0.00           20900.00         90.31         89.91         9703.40         777.90         10247.55         10274.33         0.00           21000.00         90.31         89.91         9703.40         778.00         10347.55         10374.30         0.00           21000.00         90.31         89.91         9702.37         778.22         10447.55         10474.16         0.00           21200.00         90.31         89.91         9701.27         778.69         10747.54         10773.60         0.00           21400.00         90.31         89.91         9701.27         778.69         10747.54         10773.60         0.00           21500.00         90.31         89.91         9700.27         778.69         10747.54         10773.50         0.00           21600.00         90.31         89.91         9690.62         779.61<									
2050000         90.31         89.91         9705.07         777.27         9847.56         9874.84         0.00           2070000         90.31         89.91         9705.51         777.73         9047.55         9974.84         0.00           2080000         90.31         89.91         9705.41         777.79         10247.55         10074.77         0.00           200000         90.31         89.91         9703.40         778.06         10347.55         10374.30         0.00           2100000         90.31         89.91         9702.33         778.22         10447.55         10474.16         0.00           2120000         90.31         89.91         9702.37         778.37         10547.55         10574.30         0.00           2130000         90.31         89.91         9701.27         778.69         10747.54         10773.76         0.00           2150000         90.31         89.91         9700.27         778.69         10747.54         10793.76         0.00           2160000         90.31         89.91         9698.60         779.01         1047.54         10793.76         0.00           2170000         90.31         89.91         9698.50         779.01									
2060000         90.31         89.91         9705.54         777.89         10047.56         10074.70         0.00           2080000         90.31         89.91         9703.40         7777.74         10147.55         10174.75         0.00           2080000         90.31         89.91         9703.40         777.90         10247.55         10174.57         0.00           2100000         90.31         89.91         9702.87         778.02         1047.55         10374.30         0.00           2110000         90.31         89.91         9701.80         778.52         10475.55         10574.03         0.00           2120000         90.31         89.91         9701.80         778.53         10647.55         10673.89         0.00           2140000         90.31         89.91         9701.27         778.69         10747.54         10773.76         0.00           21600.00         90.31         89.91         9700.20         779.00         10947.54         10973.49         0.00           21600.00         90.31         89.91         9690.50         779.01         11047.55         11073.35         0.00           21800.00         90.31         89.91         9696.50         779.91<									
20700.00         90.31         89.91         9705.47         777.74         10147.55         101074.57         0.00           20800.00         90.31         89.91         9703.47         777.79         10247.55         10374.33         0.00           21000.00         90.31         89.91         9703.40         778.06         10347.55         10374.33         0.00           21200.00         90.31         89.91         9702.87         78.22         10447.55         10474.61         0.00           21200.00         90.31         89.91         9702.37         778.53         10647.55         10574.03         0.00           21200.00         90.31         89.91         9701.27         778.69         10747.44         10773.79         0.00           21600.00         90.31         89.91         9699.60         779.16         11047.54         11073.35         0.00           21800.00         90.31         89.91         9698.06         779.61         11047.54         1173.22         0.00           21900.00         90.31         89.91         9698.06         779.61         11047.54         1173.22         0.00           22000.00         90.31         89.91         9695.82         78									
2080000         90.31         89.91         9704.47         777.74         10147.55         10174.57         0.00           2090000         90.31         89.91         9703.40         777.90         10247.55         10274.33         0.00           2100000         90.31         89.91         9702.87         778.37         10547.55         10374.30         0.00           21300.00         90.31         89.91         9702.87         778.37         10547.55         10574.03         0.00           21300.00         90.31         89.91         9701.20         778.85         10647.55         10673.89         0.00           21500.00         90.31         89.91         9700.27         778.85         10647.54         10773.66         0.00           21600.00         90.31         89.91         9690.20         779.16         1104.75         11073.35         0.00           21700.00         90.31         89.91         9699.80         779.32         11147.54         11173.22         0.00           21800.00         90.31         89.91         9698.00         779.32         11347.54         11372.95         0.00           22000.00         90.31         89.91         9695.30         780.									
2090000         90.31         89.91         9703.40         777.90         10247.55         10274.43         0.00           2100000         90.31         89.91         9702.87         778.22         10447.55         10374.76         0.00           2120000         90.31         89.91         9702.87         778.23         10547.55         10574.93         0.00           21400.00         90.31         89.91         9700.20         778.53         10647.55         10573.99         0.00           21500.00         90.31         89.91         9700.20         779.00         10947.54         10773.76         0.00           21600.00         90.31         89.91         9700.20         779.00         10947.54         10973.39         0.00           21700.00         90.31         89.91         9699.60         779.10         11047.54         11173.25         0.00           21800.00         90.31         89.91         9698.60         779.47         11247.54         11272.08         0.00           22000.00         90.31         89.91         9695.60         779.32         11347.54         11372.25         0.00           22000.00         90.31         89.91         9695.60         779									
2100000         90.31         89.91         9702.87         778.22         10347.55         10347.30         0.00           2120000         90.31         89.91         9702.83         778.37         10547.55         10574.03         0.00           2130000         90.31         89.91         9701.80         778.53         10647.55         10673.89         0.00           2140000         90.31         89.91         9701.27         778.69         10747.54         10773.76         0.00           2160000         90.31         89.91         9700.27         778.69         10747.54         10773.36         0.00           2160000         90.31         89.91         9699.60         779.16         11047.54         11073.35         0.00           2180000         90.31         89.91         9698.60         779.63         11347.54         11372.95         0.00           2200000         90.31         89.91         9695.53         779.97         11447.53         11472.81         0.00           2200000         90.31         89.91         9695.39         779.95         11547.53         11572.64         0.00           2200000         90.31         89.91         9695.29         780.02 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
21100.00         90.31         89.91         9702.83         778.32         10447.55         1047.16         0.00           21200.00         90.31         89.91         9701.80         778.53         10647.55         10573.89         0.00           21400.00         90.31         89.91         9701.27         778.69         10747.54         10773.76         0.00           21500.00         90.31         89.91         9700.20         779.00         10947.54         10973.39         0.00           21600.00         90.31         89.91         9699.60         779.10         1047.54         11073.35         0.00           21800.00         90.31         89.91         9699.60         779.47         11247.54         11173.20         0.00           21900.00         90.31         89.91         9698.60         779.47         11247.54         11372.95         0.00           22000.00         90.31         89.91         9696.60         779.79         11447.53         11572.68         0.00           22200.00         90.31         89.91         9695.39         780.26         11747.53         11572.41         0.00           22300.00         90.31         89.91         9695.39         78									
21200.00         90.31         89.91         9702.33         778.37         10547.55         10573.89         0.00           21300.00         90.31         89.91         9701.27         778.59         10747.54         10773.76         0.00           21500.00         90.31         89.91         9700.27         778.59         10747.54         10873.52         0.00           21600.00         90.31         89.91         9700.20         779.00         10947.54         10973.49         0.00           21700.00         90.31         89.91         9698.60         779.47         11247.54         11073.35         0.00           21800.00         90.31         89.91         9698.60         779.47         11247.54         11173.22         0.00           22000.00         90.31         89.91         9696.60         779.63         11347.54         11372.95         0.00           22000.00         90.31         89.91         9696.60         779.63         11447.54         11372.95         0.00           22000.00         90.31         89.91         9696.60         779.63         1147.53         11672.54         0.00           22200.00         90.31         89.91         9695.92         7									
21300.00         90.31         89.91         9701.27         778.69         10747.54         10773.76         0.00           21400.00         90.31         89.91         9700.23         778.85         10847.54         10873.62         0.00           21500.00         90.31         89.91         9700.20         779.00         10947.54         10873.62         0.00           21700.00         90.31         89.91         9699.60         779.16         11047.54         11073.35         0.00           21800.00         90.31         89.91         9698.60         779.47         11247.54         11273.08         0.00           22000.00         90.31         89.91         9697.53         779.73         11347.54         11372.95         0.00           22000.00         90.31         89.91         9696.90         779.95         11547.53         11572.68         0.00           22000.00         90.31         89.91         9696.90         779.95         11547.53         11572.64         0.00           22000.00         90.31         89.91         9695.39         780.26         11747.53         11572.41         0.00           22000.00         90.31         89.91         9694.86									
21400.00         90.31         89.91         9701.27         778.69         10747.54         10873.62         0.00           21500.00         90.31         89.91         9700.20         778.50         10847.54         10873.62         0.00           21700.00         90.31         89.91         9699.66         779.16         11047.54         11073.35         0.00           21700.00         90.31         89.91         9698.06         779.16         11047.54         1173.20         0.00           22000.00         90.31         89.91         9698.06         779.63         11347.54         1173.20         0.00           22000.00         90.31         89.91         9698.06         779.63         11347.54         11372.95         0.00           22000.00         90.31         89.91         96957.53         777.97         11447.53         11672.54         0.00           22000.00         90.31         89.91         9695.92         780.26         11747.53         11772.41         0.00           22000.00         90.31         89.91         9695.92         780.26         11747.53         1172.24         0.00           22000.00         90.31         89.91         9695.32         78									
21500.00         90.31         89.91         9700.23         778.85         10847.54         10873.62         0.00           21600.00         90.31         89.91         9609.66         779.16         11047.54         11073.35         0.00           21800.00         90.31         89.91         9699.66         779.77         11247.54         11173.22         0.00           21900.00         90.31         89.91         9698.60         779.77         11247.54         1173.22         0.00           22000.00         90.31         89.91         9698.60         779.79         11347.54         1173.22         0.00           22000.00         90.31         89.91         9696.99         779.95         11547.53         11752.68         0.00           22000.00         90.31         89.91         9695.92         780.26         11747.53         11752.41         0.00           22400.00         90.31         89.91         9695.32         780.26         11747.53         11772.41         0.00           22500.00         90.31         89.91         9694.32         780.73         12047.52         12072.00         0.00           22700.00         90.31         89.91         9693.72         78									
21700.00         90.31         89.91         9699.66         779.16         11047.54         11073.35         0.00           21800.00         90.31         89.91         9698.60         779.74         11147.54         11173.22         0.00           22000.00         90.31         89.91         9698.60         779.63         11347.54         11372.95         0.00           22000.00         90.31         89.91         9698.60         779.79         11447.53         11472.81         0.00           22000.00         90.31         89.91         9696.99         779.95         11547.53         11672.54         0.00           22000.00         90.31         89.91         9695.92         780.26         11747.53         11672.54         0.00           22000.00         90.31         89.91         9695.93         780.42         11847.53         11672.54         0.00           22000.00         90.31         89.91         9695.33         780.42         11847.53         11672.24         0.00           22000.00         90.31         89.91         9693.79         780.89         12147.52         12271.00         0.00           23000.00         90.31         89.91         9693.25		90.31	89.91	9700.73					
21800.00         90.31         89.91         9699.13         779.32         11147.54         11173.22         0.00           21900.00         90.31         89.91         9698.60         779.63         11347.54         11273.08         0.00           22100.00         90.31         89.91         9698.60         779.79         11447.53         11472.81         0.00           22200.00         90.31         89.91         9696.99         779.95         11547.53         11572.68         0.00           22400.00         90.31         89.91         9696.46         780.10         11647.53         11672.54         0.00           22400.00         90.31         89.91         9695.39         780.26         11747.53         11672.54         0.00           22500.00         90.31         89.91         9694.86         780.57         11947.53         11872.27         0.00           22600.00         90.31         89.91         9693.79         780.89         12147.52         12071.00         0.00           22800.00         90.31         89.91         9693.79         780.89         12147.52         12271.37         0.00           23100.00         90.31         89.91         9693.25	21600.00	90.31	89.91	9700.20	779.00	10947.54	10973.49	0.00	
21900.00         90.31         89.91         9698.60         779.47         11247.54         11273.08         0.00           22000.00         90.31         89.91         9698.05         779.63         11347.54         11372.95         0.00           22200.00         90.31         89.91         9696.99         779.95         11547.53         11572.68         0.00           22200.00         90.31         89.91         9696.99         779.95         11547.53         11572.68         0.00           22400.00         90.31         89.91         9695.92         780.26         11747.53         11724.1         0.00           22500.00         90.31         89.91         9695.39         780.22         11847.53         11872.27         0.00           22600.00         90.31         89.91         9694.86         780.57         11947.53         11972.14         0.00           22800.00         90.31         89.91         9693.27         780.89         12147.52         12071.00         0.00           23000.00         90.31         89.91         9691.25         781.05         12247.52         12271.73         0.00           23000.00         90.31         89.91         9691.56         7	21700.00	90.31	89.91	9699.66	779.16	11047.54	11073.35	0.00	
22000.00         90.31         89.91         9698.06         779.63         11347.54         11372.95         0.00           22100.00         90.31         89.91         9697.53         779.79         11447.53         11572.68         0.00           22300.00         90.31         89.91         9696.99         779.95         11547.53         11572.68         0.00           22400.00         90.31         89.91         9695.92         780.26         11747.53         11772.41         0.00           22500.00         90.31         89.91         9695.92         780.24         11847.53         11872.27         0.00           22700.00         90.31         89.91         9694.82         780.73         12047.52         12072.00         0.00           22700.00         90.31         89.91         9693.25         781.05         12247.52         12271.73         0.00           23000.00         90.31         89.91         9693.25         781.05         12247.52         12271.73         0.00           23100.00         90.31         89.91         9691.27         781.20         12347.52         12571.33         0.00           23200.00         90.31         89.91         9691.55	21800.00	90.31	89.91	9699.13	779.32	11147.54	11173.22	0.00	
22100.00         90.31         89.91         9697.53         779.79         11447.53         11472.81         0.00           22200.00         90.31         89.91         9696.96         779.95         11547.53         11572.54         0.00           22400.00         90.31         89.91         9695.92         780.26         11747.53         11772.41         0.00           22500.00         90.31         89.91         9695.92         780.26         11747.53         11772.14         0.00           22600.00         90.31         89.91         9694.82         780.73         12047.52         12072.00         0.00           22800.00         90.31         89.91         9694.32         780.73         12047.52         12072.00         0.00           22800.00         90.31         89.91         9693.75         781.05         12247.52         12217.18         0.00           23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.60         0.00           23100.00         90.31         89.91         9691.55         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9690.55		90.31						0.00	
22200.00         90.31         89.91         9696.99         779.95         11547.53         11572.68         0.00           22300.00         90.31         89.91         9696.46         780.10         11647.53         11672.54         0.00           22400.00         90.31         89.91         9695.39         780.26         11847.53         11872.27         0.00           22600.00         90.31         89.91         9694.86         780.57         11947.53         11972.14         0.00           22700.00         90.31         89.91         9694.32         780.73         12047.52         12072.00         0.00           22800.00         90.31         89.91         9693.25         781.05         12247.52         12072.00         0.00           23000.00         90.31         89.91         9693.25         781.05         12247.52         12371.60         0.00           23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.46         0.00           23000.00         90.31         89.91         9691.12         781.68         12647.52         12471.46         0.00           23300.00         90.31         89.91         9680.58		90.31	89.91					0.00	
22300.00         90.31         89.91         9696.46         780.10         11647.53         11772.54         0.00           22400.00         90.31         89.91         9695.92         780.26         11747.53         11772.41         0.00           22500.00         90.31         89.91         9695.92         780.42         11847.53         11872.27         0.00           22600.00         90.31         89.91         9694.86         780.73         12047.52         12072.00         0.00           22800.00         90.31         89.91         9693.79         780.89         12147.52         12271.73         0.00           22900.00         90.31         89.91         9692.72         781.05         12247.52         12271.73         0.00           23100.00         90.31         89.91         9692.72         781.50         12247.52         12271.60         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9690.55         781.52         12547.52         12671.19         0.00           23500.00         90.31         89.91         9680.51									
22400.00         90.31         89.91         9695.92         780.26         11747.53         11772.41         0.00           22500.00         90.31         89.91         9695.39         780.42         11847.53         11872.27         0.00           22600.00         90.31         89.91         9694.86         780.57         11947.53         11972.14         0.00           22800.00         90.31         89.91         9694.32         780.89         12147.52         12171.87         0.00           22800.00         90.31         89.91         9693.25         781.05         12247.52         12271.73         0.00           23000.00         90.31         89.91         9693.25         781.05         12247.52         12371.60         0.00           23000.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12671.19         0.00           23400.00         90.31         89.91         9680.58         781.83         12747.51         12701.06         0.00           23500.00         90.31         89.91         9688.98									
22500.00         90.31         89.91         9695.39         780.42         11847.53         11872.27         0.00           22600.00         90.31         89.91         9694.86         780.57         11947.53         11972.14         0.00           22700.00         90.31         89.91         9693.37         780.73         12047.52         12072.00         0.00           22800.00         90.31         89.91         9693.25         781.05         12247.52         12271.73         0.00           23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.60         0.00           23000.00         90.31         89.91         9692.18         781.36         12447.52         12471.46         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9691.65         781.52         12547.51         12771.06         0.00           23400.00         90.31         89.91         9680.51         781.93         12847.51         12870.92         0.00           23700.00         90.31         89.91         9688.78									
22600.00         90.31         89.91         9694.86         780.57         11947.53         11972.14         0.00           22700.00         90.31         89.91         9694.32         780.73         12047.52         12072.00         0.00           22800.00         90.31         89.91         9693.79         780.89         12147.52         12171.87         0.00           23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.60         0.00           23100.00         90.31         89.91         9692.18         781.52         12547.52         12571.33         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9691.65         781.83         12747.51         12771.06         0.00           23400.00         90.31         89.91         9690.58         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9689.51         782.15         12947.51         12970.79         0.00           23700.00         90.31         89.91         9687.38									
22700.00         90.31         89.91         9694.32         780.73         12047.52         12072.00         0.00           22800.00         90.31         89.91         9693.79         780.89         12147.52         12171.87         0.00           23000.00         90.31         89.91         9693.25         781.05         12247.52         12271.73         0.00           23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.60         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23400.00         90.31         89.91         9691.55         781.83         12747.51         12771.06         0.00           23400.00         90.31         89.91         9690.55         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9680.55         781.83         12247.51         12870.92         0.00           23600.00         90.31         89.91         9688.98         782.30         13047.51         13070.65         0.00           23800.00         90.31         89.91         9687.91									
22800.00         90.31         89.91         9693.79         780.89         12147.52         12171.87         0.00           22900.00         90.31         89.91         9693.25         781.05         12247.52         12271.73         0.00           23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.60         0.00           23100.00         90.31         89.91         9692.18         781.36         12447.52         12471.46         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9690.58         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9680.58         781.89         12847.51         12870.92         0.00           23600.00         90.31         89.91         9688.94         782.30         13047.51         13070.65         0.00           23700.00         90.31         89.91         9687.91         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9687.38									
22900.00         90.31         89.91         9693.25         781.05         12247.52         12271.73         0.00           23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.60         0.00           23100.00         90.31         89.91         9692.18         781.36         12447.52         12471.46         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9690.58         781.88         12647.52         12671.19         0.00           23400.00         90.31         89.91         9690.58         781.83         12747.51         12870.92         0.00           23500.00         90.31         89.91         9680.51         782.15         12947.51         12970.79         0.00           23600.00         90.31         89.91         9688.98         782.30         13047.51         13070.65         0.00           23800.00         90.31         89.91         9687.91         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9686.84									
23000.00         90.31         89.91         9692.72         781.20         12347.52         12371.60         0.00           23100.00         90.31         89.91         9692.18         781.36         12447.52         12471.46         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23400.00         90.31         89.91         9690.58         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9690.58         781.83         12747.51         12870.92         0.00           23600.00         90.31         89.91         9680.55         782.15         12947.51         12970.79         0.00           23700.00         90.31         89.91         9688.98         782.30         13047.51         13070.65         0.00           23800.00         90.31         89.91         9688.44         782.46         13147.51         13170.52         0.00           24900.00         90.31         89.91         9687.38         782.78         13347.50         13470.11         0.00           24000.00         90.31         89.91         9685.31									
23100.00         90.31         89.91         9692.18         781.36         12447.52         12471.46         0.00           23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9691.52         781.68         12647.52         12671.19         0.00           23400.00         90.31         89.91         9690.58         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9680.05         781.99         12847.51         12870.92         0.00           23600.00         90.31         89.91         9688.98         782.30         13047.51         13070.65         0.00           23800.00         90.31         89.91         9688.44         782.46         13147.51         13170.52         0.00           23900.00         90.31         89.91         9687.38         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9686.34         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9685.77									
23200.00         90.31         89.91         9691.65         781.52         12547.52         12571.33         0.00           23300.00         90.31         89.91         9691.12         781.68         12647.52         12671.19         0.00           23400.00         90.31         89.91         9690.58         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9680.55         781.99         12847.51         12870.92         0.00           23600.00         90.31         89.91         9688.98         782.30         13047.51         13070.65         0.00           23700.00         90.31         89.91         9688.98         782.30         13047.51         13170.52         0.00           23800.00         90.31         89.91         9687.91         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9687.38         782.78         13347.50         13370.25         0.00           24000.00         90.31         89.91         9686.31         783.09         13475.51         13269.98         0.00           24300.00         90.31         89.91         9685.77									
23300.00         90.31         89.91         9691.12         781.68         12647.52         12671.19         0.00           23400.00         90.31         89.91         9690.58         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9690.05         781.99         12847.51         12870.92         0.00           23600.00         90.31         89.91         9689.51         782.15         12947.51         12970.79         0.00           23700.00         90.31         89.91         9688.98         782.30         13047.51         13170.52         0.00           23800.00         90.31         89.91         9688.94         782.46         13147.51         13270.38         0.00           24000.00         90.31         89.91         9687.38         782.78         13347.50         13370.25         0.00           24000.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9685.24         783.25         13669.98         0.00           24300.00         90.31         89.91         9685.24         783.40         13									
23400.00         90.31         89.91         9690.58         781.83         12747.51         12771.06         0.00           23500.00         90.31         89.91         9690.05         781.99         12847.51         12870.92         0.00           23600.00         90.31         89.91         9688.51         782.15         12947.51         12970.79         0.00           23700.00         90.31         89.91         9688.94         782.30         13047.51         13070.65         0.00           23800.00         90.31         89.91         9688.94         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9687.38         782.78         13347.50         13370.25         0.00           24000.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9686.81         783.05         13475.50         13569.98         0.00           24300.00         90.31         89.91         9685.24         783.40         13747.50         13669.84         0.00           24500.00         90.31         89.91         9684.70									
23600.00         90.31         89.91         9689.51         782.15         12947.51         12970.79         0.00           23700.00         90.31         89.91         9688.98         782.30         13047.51         13070.65         0.00           23800.00         90.31         89.91         9688.44         782.46         13147.51         13170.52         0.00           23900.00         90.31         89.91         9687.91         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9686.84         782.93         13547.50         13569.98         0.00           24300.00         90.31         89.91         9685.77         783.25         13647.50         13569.98         0.00           24400.00         90.31         89.91         9685.77         783.25         13647.50         13669.84         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13969.44         0.00           24600.00         90.31         89.91         9683.64									
23700.00         90.31         89.91         9688.98         782.30         13047.51         13070.65         0.00           23800.00         90.31         89.91         9688.44         782.46         13147.51         13170.52         0.00           23900.00         90.31         89.91         9687.91         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9687.38         782.78         13347.50         13370.25         0.00           24100.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9685.77         783.25         13647.50         13569.98         0.00           24300.00         90.31         89.91         9685.74         783.25         13647.50         13669.84         0.00           24400.00         90.31         89.91         9685.24         783.40         13747.50         13669.84         0.00           24500.00         90.31         89.91         9684.17         783.72         13947.50         13869.57         0.00           24600.00         90.31         89.91         9683.64									
23800.00         90.31         89.91         9688.44         782.46         13147.51         13170.52         0.00           23900.00         90.31         89.91         9687.91         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9687.38         782.78         13347.50         13370.25         0.00           24100.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9685.77         783.09         13569.98         0.00           24300.00         90.31         89.91         9685.77         783.25         13647.50         13569.98         0.00           24400.00         90.31         89.91         9685.77         783.25         13647.50         13669.84         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.71         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14	23600.00	90.31	89.91	9689.51	782.15	12947.51	12970.79	0.00	
23900.00         90.31         89.91         9687.91         782.62         13247.51         13270.38         0.00           24000.00         90.31         89.91         9687.38         782.78         13347.50         13370.25         0.00           24100.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9686.37         783.09         13547.50         13569.98         0.00           24300.00         90.31         89.91         9685.77         783.25         13647.50         13569.98         0.00           24400.00         90.31         89.91         9685.24         783.40         13747.50         13669.84         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.70         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9682.57		90.31	89.91	9688.98	782.30	13047.51	13070.65	0.00	
24000.00         90.31         89.91         9687.38         782.78         13347.50         13370.25         0.00           24100.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9686.31         783.09         13547.50         13569.98         0.00           24300.00         90.31         89.91         9685.77         783.25         13647.50         13669.84         0.00           24400.00         90.31         89.91         9685.24         783.40         13747.50         13669.84         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.71         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9682.03	23800.00	90.31	89.91	9688.44	782.46	13147.51	13170.52	0.00	
24100.00         90.31         89.91         9686.84         782.93         13447.50         13470.11         0.00           24200.00         90.31         89.91         9686.31         783.09         13547.50         13569.98         0.00           24300.00         90.31         89.91         9685.77         783.25         13647.50         13669.84         0.00           24400.00         90.31         89.91         9685.24         783.40         13747.50         13669.81         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.71         783.72         13947.50         13869.54         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25100.00         90.31         89.91         9681.50		90.31	89.91	9687.91		13247.51		0.00	
24200.00         90.31         89.91         9686.31         783.09         13547.50         13569.98         0.00           24300.00         90.31         89.91         9685.77         783.25         13647.50         13669.84         0.00           24400.00         90.31         89.91         9685.24         783.40         13747.50         13769.71         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.17         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25100.00         90.31         89.91         9682.03         784.51         14447.49         14368.76         0.00           25200.00         90.31         89.91         9680.96								0.00	
24300.00         90.31         89.91         9685.77         783.25         13647.50         13669.84         0.00           24400.00         90.31         89.91         9685.24         783.40         13747.50         13769.71         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.17         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9683.10         784.03         14147.49         14169.17         0.00           24900.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9682.03         784.35         14347.49         14368.90         0.00           25100.00         90.31         89.91         9681.50         784.61         14447.49         14568.63         0.00           25200.00         90.31         89.91         9680.96									
24400.00         90.31         89.91         9685.24         783.40         13747.50         13769.71         0.00           24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.17         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25100.00         90.31         89.91         9682.50         784.35         14347.49         14268.90         0.00           25100.00         90.31         89.91         9681.50         784.51         14447.49         14568.63         0.00           25200.00         90.31         89.91         9680.96         784.66         14547.49         14568.63         0.00           25296.61         90.31         89.91         9680.45									
24500.00         90.31         89.91         9684.70         783.56         13847.50         13869.57         0.00           24600.00         90.31         89.91         9684.17         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9683.10         784.03         14147.49         14169.17         0.00           24900.00         90.31         89.91         9682.03         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9681.50         784.51         14447.49         14368.90         0.00           25100.00         90.31         89.91         9681.50         784.51         14447.49         14468.76         0.00           25200.00         90.31         89.91         9680.96         784.66         14547.49         14568.63         0.00           25296.61         90.31         89.91         9680.45         784.81         14644.09         14665.11         0.00         exit           25300.00         90.31         89.91         968									
24600.00         90.31         89.91         9684.17         783.72         13947.50         13969.44         0.00           24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9683.10         784.03         14147.49         14169.17         0.00           24900.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9682.03         784.35         14347.49         14368.90         0.00           25100.00         90.31         89.91         9681.50         784.51         14447.49         14468.76         0.00           25200.00         90.31         89.91         9680.96         784.66         14547.49         14568.63         0.00           25296.61         90.31         89.91         9680.45         784.81         14644.09         14665.11         0.00         exit           25300.00         90.31         89.91         9680.43         784.82         14647.48         14668.49         0.00									
24700.00         90.31         89.91         9683.64         783.88         14047.49         14069.30         0.00           24800.00         90.31         89.91         9683.10         784.03         14147.49         14169.17         0.00           24900.00         90.31         89.91         9682.57         784.19         14247.49         14269.03         0.00           25000.00         90.31         89.91         9682.03         784.35         14347.49         14368.90         0.00           25100.00         90.31         89.91         9681.50         784.51         14447.49         14468.76         0.00           25200.00         90.31         89.91         9680.96         784.66         14547.49         14568.63         0.00           25296.61         90.31         89.91         9680.45         784.81         14644.09         14665.11         0.00         exit           25300.00         90.31         89.91         9680.43         784.82         14647.48         14668.49         0.00									
24800.00       90.31       89.91       9683.10       784.03       14147.49       14169.17       0.00         24900.00       90.31       89.91       9682.57       784.19       14247.49       14269.03       0.00         25000.00       90.31       89.91       9682.03       784.35       14347.49       14368.90       0.00         25100.00       90.31       89.91       9681.50       784.51       14447.49       14468.76       0.00         25200.00       90.31       89.91       9680.96       784.66       14547.49       14568.63       0.00         25296.61       90.31       89.91       9680.45       784.81       14644.09       14665.11       0.00       exit         25300.00       90.31       89.91       9680.43       784.82       14647.48       14668.49       0.00									
24900.00       90.31       89.91       9682.57       784.19       14247.49       14269.03       0.00         25000.00       90.31       89.91       9682.03       784.35       14347.49       14368.90       0.00         25100.00       90.31       89.91       9681.50       784.51       14447.49       14468.76       0.00         25200.00       90.31       89.91       9680.96       784.66       14547.49       14568.63       0.00         25296.61       90.31       89.91       9680.45       784.81       14644.09       14665.11       0.00       exit         25300.00       90.31       89.91       9680.43       784.82       14647.48       14668.49       0.00									
25000.00       90.31       89.91       9682.03       784.35       14347.49       14368.90       0.00         25100.00       90.31       89.91       9681.50       784.51       14447.49       14468.76       0.00         25200.00       90.31       89.91       9680.96       784.66       14547.49       14568.63       0.00         25296.61       90.31       89.91       9680.45       784.81       14644.09       14665.11       0.00       exit         25300.00       90.31       89.91       9680.43       784.82       14647.48       14668.49       0.00									
25100.00       90.31       89.91       9681.50       784.51       14447.49       14468.76       0.00         25200.00       90.31       89.91       9680.96       784.66       14547.49       14568.63       0.00         25296.61       90.31       89.91       9680.45       784.81       14644.09       14665.11       0.00       exit         25300.00       90.31       89.91       9680.43       784.82       14647.48       14668.49       0.00									
25200.00     90.31     89.91     9680.96     784.66     14547.49     14568.63     0.00       25296.61     90.31     89.91     9680.45     784.81     14644.09     14665.11     0.00     exit       25300.00     90.31     89.91     9680.43     784.82     14647.48     14668.49     0.00									
25296.61 90.31 89.91 9680.45 784.81 14644.09 14665.11 0.00 exit 25300.00 90.31 89.91 9680.43 784.82 14647.48 14668.49 0.00									
25300.00 90.31 89.91 9680.43 784.82 14647.48 14668.49 0.00									exit
									BHL

Well: MIMOSA 18-16 STATE COM 621H Geodetic System: US State Plane 1983
County: Eddy Datum: North American Datum 1927

Wellbore: Permit Plan
Design: Permit Plan #1

Ellipsoid: Clarke 1866 Zone: 3001 - NM East (NAD83)

INC AZI TVD NS EW ٧S MD DLS Comment (ft) (°) (°) (ft) (ft) (ft) (ft) (°/100ft)



Devon Energy Center 333 West Sheridan Avenue Oklahoma City, Oklahoma 73102-5015

## Hydrogen Sulfide (H<sub>2</sub>S) Contingency Plan

For

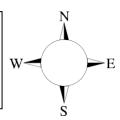
Mimosa 18-16 State Com 621H

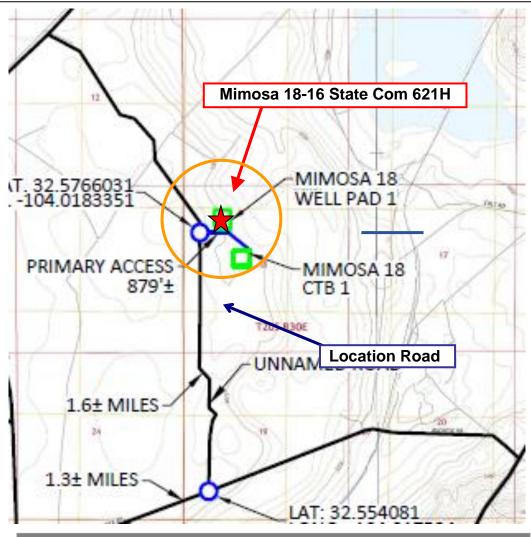
Sec-18 T-20S R-30E 1165' FNL & 1066' FWL LAT. = 32.5774391' N (NAD83) LONG = 104.0164253' W

**Eddy County NM** 

## Mimosa 18-16 State Com 621H

This is an open drilling site. H<sub>2</sub>S monitoring equipment and emergency response equipment will be used within 500' of zones known to contain H<sub>2</sub>S, including warning signs, wind indicators and H<sub>2</sub>S monitor.





Assumed 100 ppm ROE = 3000' (Radius of Exposure)
100 ppm H2S concentration shall trigger activation of this plan.

#### **Escape**

Crews shall escape upwind of escaping gas in the event of an emergency release of gas. Escape can be facilitated from the location entrance road. Crews should then block the entrance to the location from the lease road so as not to allow anyone traversing into a hazardous area. The blockade should be at a safe distance outside of the ROE. There are no homes or buildings in or near the ROE.

**Assumed 100 ppm ROE = 3000'** 

#### 100 ppm H<sub>2</sub>S concentration shall trigger activation of this plan.

#### **Emergency Procedures**

In the event of a release of gas containing H<sub>2</sub>S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H<sub>2</sub>S monitors and air packs in order to control the release.
- Use the "buddy system" to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the
  - Detection of H₂S, and
  - Measures for protection against the gas,
  - Equipment used for protection and emergency response.

#### **Ignition of Gas Source**

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO<sub>2</sub>). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

#### Characteristics of H<sub>2</sub>S and SO<sub>2</sub>

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H <sub>2</sub> S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO <sub>2</sub>	2.21 Air = 1	2 ppm	N/A	1000 ppm

#### **Contacting Authorities**

Devon Energy Corp. personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Devon Energy Corp. Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

#### **Hydrogen Sulfide Drilling Operation Plan**

#### I. HYDROGEN SULFIDE (H<sub>2</sub>S) TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- 1. The hazards and characteristics of hydrogen sulfide (H<sub>2</sub>S)
- 2. The proper use and maintenance of personal protective equipment and life support systems.
- 3. The proper use of H<sub>2</sub>S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
- 4. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

- 1. The effects of H<sub>2</sub>S metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- 2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- 3. The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan and Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H<sub>2</sub>S zone (within 3 days or 500 feet) and weekly H<sub>2</sub>S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan.

#### II. HYDROGEN SULFIDE TRAINING

Note: All H<sub>2</sub>S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H<sub>2</sub>S.

#### 1. Well Control Equipment

- A. Flare line
- B. Choke manifold Remotely Operated
- C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit
- D. Auxiliary equipment may include if applicable: annular preventer and rotating head.
- E. Mud/Gas Separator

#### 2. Protective equipment for essential personnel:

30-minute SCBA units located at briefing areas, as indicated on well site diagram, with escape units available in the top doghouse. As it may be difficult to communicate audibly while wearing these units, hand signals shall be utilized.

#### 3. H<sub>2</sub>S detection and monitoring equipment:

Portable H<sub>2</sub>S monitors positioned on location for best coverage and response. These units have warning lights which activate when H<sub>2</sub>S levels reach 10 ppm and audible sirens which activate at 15 ppm. Sensor locations:

- Bell nipple
- Possum Belly/Shale shaker
- Rig floor
- Choke manifold
- Cellar

#### Visual warning systems:

- A. Wind direction indicators as shown on well site diagram
- B. Caution/ Danger signs shall be posted on roads providing direct access to locations. Signs will be painted a high visibility yellow with black lettering of sufficient size to be reasonable distance from the immediate location. Bilingual signs will be used when appropriate.

#### 4. Mud program:

The mud program has been designed to minimize the volume of H<sub>2</sub>S circulated to surface. Proper mud weight, safe drilling practices and the use of H<sub>2</sub>S scavengers will minimize hazards when penetrating H<sub>2</sub>S bearing zones.

#### 5. Metallurgy:

- A. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold lines, and valves shall be H<sub>2</sub>S trim.
- B. All elastomers used for packing and seals shall be H<sub>2</sub>S trim.

#### 6. Communication:

- Company personnel have/use cellular telephones in the field.
- B. Land line (telephone) communications at Office

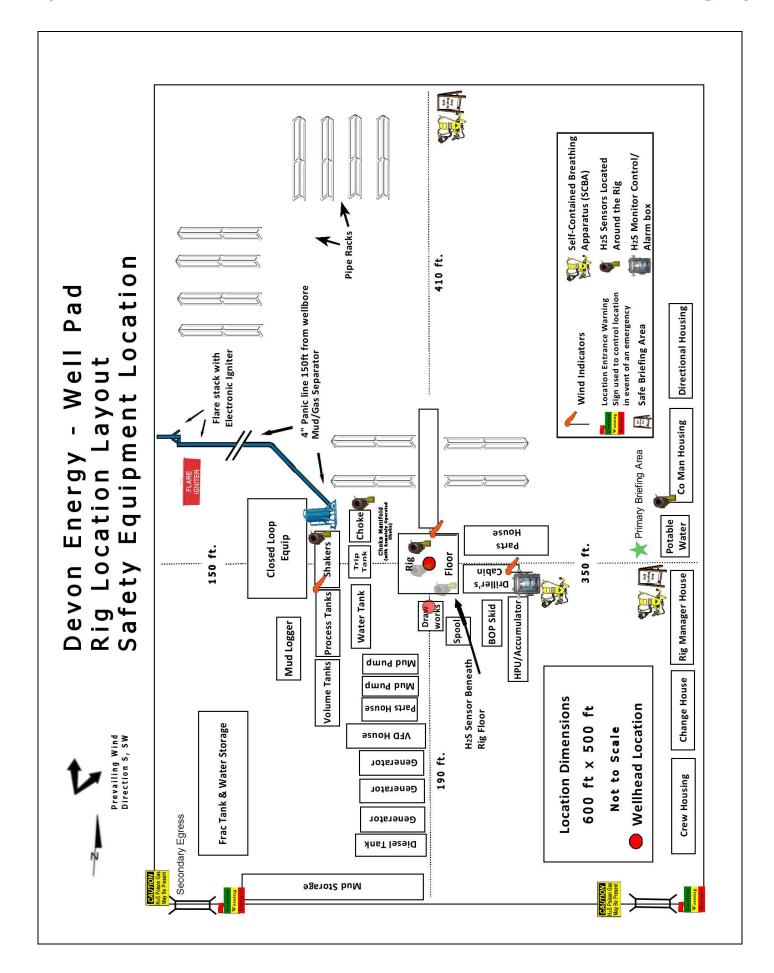
#### 7. Well testing:

- A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity, which are necessary to safety and adequately conduct the test. The drill stem testing will be conducted during daylight hours and formation fluids will not be flowed to the surface. All drill-stem-testing operations conducted in an H<sub>2</sub>S environment will use the closed chamber method of testing.
- B. There will be no drill stem testing.

Devon En	ergy Corp. Company Call List	
Drilling Su	pervisor – Basin – Mark Kramer	405-823-4796
EHS Profe	ssional – Laura Wright	405-439-8129
Agency	Call List	
<u>Lea</u>	Hobbs	000 0004
<u>County</u> (575)	Lea County Communication Authority State Police	393-3981 392-5588
	City Police Sheriff's Office	397-9265 393-2515
	Ambulance Fire Department	<b>911</b> 397-9308
	LEPC (Local Emergency Planning Committee)	393-2870
	NMOCD US Bureau of Land Management	393-6161 393-3612
Eddy	Carlsbad	
<u>County</u> (575)	State Police City Police	885-3137 885-2111
	Sheriff's Office Ambulance	887-7551 <b>911</b>
	Fire Department	885-3125
	LEPC (Local Emergency Planning Committee) US Bureau of Land Management	887-3798 887-6544
	NM Emergency Response Commission (Santa Fe)	(505) 476-9600
	24 HR National Emergency Response Center	(505) 827-9126 (800) 424-8802
	National Pollution Control Center: Direct	(703) 872-6000
	For Oil Spills  Emergency Services	(800) 280-7118
	Wild Well Control	(281) 784-4700
	Cudd Pressure Control (915) 699-0139 Halliburton	(915) 563-3356 (575) 746-2757
	B. J. Services	(575) 746-3569
Give GPS	Native Air – Emergency Helicopter – Hobbs (TX & NM)  Flight For Life - Lubbock, TX	(800) 642-7828 (806) 743-9911
position:	Aerocare - Lubbock, TX Med Flight Air Amb - Albuquerque, NM	(806) 747-8923 (575) 842-4433
	Lifeguard Air Med Svc. Albuquerque, NM Poison Control (24/7)	(800) 222-1222 (575) 272-3115
	Oil & Gas Pipeline 24 Hour Service  NOAA – Website - www.nhc.noaa.gov	(800) 364-4366
	110/VI - VVCDSILC - WWW.HITO.HOAA.GOV	

Prepared in conjunction with Dave Small





#### MIMOSA 18-16 STATE COM 621H

#### 1. Geologic Formations

TVD of target	9680	Pilot hole depth	N/A
MD at TD:	25377	Deepest expected fresh water	

#### Basin

Formation	Depth (TVD)	Water/Mineral Bearing/Target	Hazards*
10111111011	from KB	Zone?	Tubur us
Rustler	304		
Salt	412		
Base of Salt	1680		
Capitan Reef Top	2157		
Delaware	3704		
Cherry Canyon	4656		
Brushy Canyon	5099		
1st Bone Spring Lime	6273		
Bone Spring 1st	7408		
Bone Spring 2nd	8188		
3rd Bone Spring Lime	8509		
Bone Spring 3rd	9176		
Wolfcamp	9641		
•			
_			

<sup>\*</sup>H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Top (MD)	Bottom (MD)	Top (TVD)	Bottom (TVD)
17 1/2	13 3/8	48.0	H40	STC	0.0	329 MD	0	329 TVD
12 1/4	10 3/4	45.5	HCL80	BTC SCC	0.0	1705 MD	0	1705 TVD
9 7/8	8 5/8	32	P110	Sprint FJ	0	3754 MD	0	3754 TVD
7 7/8	5 1/2	17.0	P110	DWC/C IS+	0	25377 MD	0	9680 TVD

<sup>•</sup> All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

<sup>•</sup> The Rustler top will be validated via drilling parameters (i.e. reduction in ROP), and the surface casing setting depth will be revised accordingly. In addition, surface casing will be set a minimum of 25' above the top of the salt.

3. Cementing Program (Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft3/sack)	Slurry Description
Surface	277	0	13.2	1.44	Lead: Class C Cement + additives
Int	91	0	9	3.27	Lead: Class C Cement + additives
IIIL	101	1205	13.2	1.44	Tail: Class H / C + additives
Int 1	127	0	9	3.27	Lead: Class C Cement + additives
1111.1	67	3254	13.2	1.44	Tail: Class H / C + additives
Production	117	7316	9	3.27	Lead: Class H /C + additives
Floduction	2126	9316	13.2	1.44	Tail: Class H / C + additives

Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the intermediate 1 casing string with the first stage being pumped conventionally with the calculated top of cement at the Capitan Reef and the second stage performed as a bradenhead squeeze with planned cement from the Capitan Reef to surface. If necessary, a top out consisting of 160 sacks of Class C cement will be executed as a contingency. Devon will report to the BLM the volume of fluid (limited to 1 bbls) used to flush intermediate casing valves following backside cementing procedures The final cement top will be verified by Echo-meter. Devon will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

Casing String	% Excess
Surface	50%
Intermediate and Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

4. Pressure Control Equipment (Four String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Require d WP	Ту	ype	<b>✓</b>	Tested to:
			Anr	nular	X	50% of rated working pressure
Int	13-5/8"	5M	Blind	l Ram	X	
Int	13-3/6	JIVI	Pipe Ram			5M
			Doubl	le Ram	X	3171
			Other*			
	13-5/8"	5M	Annula	ar (5M)	X	100% of rated working pressure
			Blind Ram		X	1
Int 1			Pipe Ram Double Ram			
					X	- 5M
			Other*			
			Annula	ar (5M)	X	100% of rated working pressure
Production	12.5/01	5M	Blind	l Ram	X	
Production	13-5/8"		Pipe	Ram		5M
			Doubl	le Ram	X	3101
			Other*			
N A variance is requested for	r the use of a	diverter or	the surface	casing. See	attached for s	chematic.
N A variance is requested to	run a 5 M an	nular on a	10M system		•	

5. Mud Program (Four String Design)

evillar 110gram (10ar String 2005)	-)	
Section	Туре	Weight (ppg)
Surface	WBM	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Intermediate 1	WBM	8.5-9
Production	OBM	10-10.5

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
What will be used to infolitor the loss of gain of fidid:	1 v 1/1 ason/ v isuai iviointoinig

**6. Logging and Testing Procedures** 

Logging, C	Foring and Testing
	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the
X	Completion Report and shumitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additiona	al logs planned	Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specfiy what type and where?
BH pressure at deepest TVD	5286
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogren Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

erre o arrice	area measures variety and formations will be provided to the BEIVE
N	H2S is present
Y	H2S plan attached.

#### 8. Other facets of operation

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

#### Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
  - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis..
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- <sup>3</sup> The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pa.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. A that time an approved BOP stack will be nippled up and tested on the wellhead before drilling operations commences on each well.
  - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

# Attachments X Directional Plan Other, describe

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 11 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

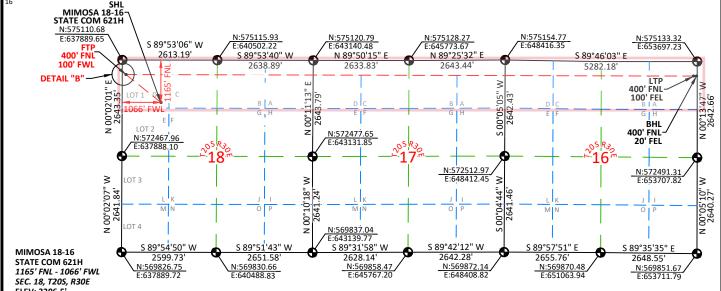
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		
		92963	WC-015 G-07 S203032G;WOLFCAMP	
<sup>4</sup> Property Code			roperty Name 18-16 STATE COM	<sup>6</sup> Well Number <b>621</b> H
<sup>7</sup> OGRID No. <b>6137</b>			perator Name RODUCTION COMPANY, L.P.	<sup>9</sup> Elevation 3306.5'

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
D	18	20-S	30-E	LOT 1	1165	NORTH	1066	WEST	EDDY
			11 Bot	tom Hol	<b>Location If</b>	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
Α	16	20-S	30-E		400	NORTH	20	EAST	EDDY
<sup>12</sup> Dedicated Ac 479.20	res <sup>13</sup> Join	t or Infill 1	<sup>4</sup> Consolida	tion Code	<sup>5</sup> 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.

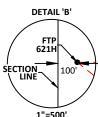


ELEV: 3306.5 LAT: 32.5774391° LON: -104.0164253° N: 573948.41 E: 638954.75

**FIRST TAKE POINT** 400' FNL - 100' FWL SEC. 18, T20S, R30E LAT: 32.5795429° LON: -104.0195520 N: 574710.93 E: 637989.39

LAST TAKE POINT 400' FNL - 100' FEL SEC. 16, T20S, R30E LAT: 32.5794668° LON: -103.9688756° N: 574732.97 E: 653599.07

**BOTTOM HOLE LOCATION** 400' FNL - 20' FEL SEC. 16, T20S, R30E LAT: 32.5794670° LON: -103.9686166 N: 574733.33 E: 653678.84



NOTE: ALL FTP'S ARE OFFSET 100' EAST OF

THE WEST SECTION LINE

LEGEND FOUND USGLO B.C.

#### <sup>17</sup>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.

Arianna (vans 2/7/23

Signature

Arianna Evans

Printed Name Arianna.Evans@dvn.com

E-mail Address

NOTES:

1. BEARINGS SHOWN ARE GRID BASED ON THE NEW MEXICO STATE
PLANE EAST ZONE COORDINATE SYSTEM (3001), NAD 83 (2011), BASED
FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8"
REBAR), LOCATED AT AT N:556917-441 E:633268.060 ORTHO:3349.52.
DETERMINED BY AN OPUS SOLUTION ON SEPTEMBER 5TH, 2019.

2. DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE
IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000237768

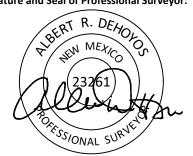
3. ELEVATIONS ARE EXISTING GROUND ELEVATIONS UNLESS NOTED.

<sup>18</sup>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.

01/02/2023

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos Checked by: ARD Drawn by: JEB Date: 01/13/2023

ick O  JL  atitude  32  irst T	Off Poin Section 18 de 2.5794	t (KOP) Township 20-S  int (FTP) Township	Range 30-E	Lot	Feet 401 Longitude	From N/S	Feet 57	STATE COM	County	621H
atitudo 32 irst To JL D atitudo	Section 18 de 2.5794 Take Po Section	Township 20-S	30-E	Lot	401			From E/W	1	
atitudo 32 irst To JL D atitudo	Section 18 de 2.5794 Take Po Section	Township 20-S	30-E	Lot	401			From E/W	1	
32 irst T	ake Po	int (FTP)				FNL	57		FDDV	
32. irst T	ake Po				Longitude			FWL		
irst T	ake Po				104 0466				NAD	
JL D :	Section				-104.0198				83	
atitud	18		Range	Lot	Feet	From N/S		From E/W	County	
		20-S	30-E		400 Longitude	NORTH	100	WEST	EDDY	
32.5795429° -104.0195520°						520°		NAD   83		
JL :	Section 16	Township 20-S	Range 30-E	Lot	Feet 400	From N/S NORTH		From E/W EAST	County	
atitud 32.57	ie 794668	o			Longitude -103.9688	756°			NAD 83	
		ne definir n infill we		for t	he Horizont NO	al Spaciı	ng Unit?	YES		
	l is yes ng Unit		API if a	vaila	ble, Operato	or name	and well nun	nber for Defin	ing well for	Horizontal
Operat	tor Name	<u> </u>				Pro	perty Name:			Well Number