Submit 1 Copy To Appropriate District	State of Nev	v Mexico	Form C-103
Office District I – (575) 393-6161	Energy, Minerals and	Natural Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.
<u>District II</u> – (575) 748-1283 811 S. First St. Artesia, NM 88210	OIL CONSERVAT	IONBRISTONSE	RVATION 30-015-45268
<u>District III</u> – (505) 334-6178	1220 South St.	Francis Dr.	STATE FEF
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe. N	M 87505DEC 12 2	STATE FEE
1220 S. St. Francis Dr., Santa Fe, NM		DEC 13 Z	Une State On & Gas Lease 110.
87505 SUNDRY NOTIO	CES AND REPORTS ON W		7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC	ALS TO DRILL OR TO DEEPEN O ATION FOR PERMIT" (FORM C-1	DR PLUG BACK TO A 101) FOR SUCH	SPUD MUFFIN 31-30 8. Well Number
1 Type of Well: Oil Well	Gas Well 🕅 Other		624H
2. Name of Operator			9. OGRID Number
DEVO	N ENERGY PRODUCTION	COMPANY, LP.	6137
3. Address of Operator			H9. Pool name or Wildcat
333 WE	ST SHERIDAN AVENUE,	OKC, OK 73102	I uple Day l'olleamp (gas)
4. Well Location		11 I	
Unit Letter P: 485	feet from theSOL	<u>TH</u> line and	280 feet from the <u>EASI</u> line
Section 31	Township 23S	Range 29E	NMPM Eddy County New Mexico
	II. Elevation (Show whethe	2960 3'	
a the second state of the	······································		
12. Check A	ppropriate Box to Indica	ate Nature of Notice,	Report or Other Data
		I SUF	SEQUENT REPORT OF
	PLUG AND ABANDON	REMEDIAL WOR	
	CHANGE PLANS	COMMENCE DR	
		CASING/CEMEN	IT JOB 🔲
CLOSED-LOOP SYSTEM	_		
OTHER: SHL/VARIANCE		OTHER:	
 Describe proposed or comp of starting any proposed we proposed completion or rec 	rk). SEE RULE 19.15.7.14 Normality states of the second state of the second states of the sec	NMAC. For Multiple Co	ompletions: Attach wellbore diagram of
Devon Energy Production	Co., LP respectfully reque	sts approval to make th	e following changes for the subject well:
SHL CHG	, .		
SHE CITO			
FROM 485 FSL / 280 FE	L		
TO 485 FSL / 250 FE			(the SLIL shangs)
(attached drill plar	document reflects minor cha	inge in MD associated w	ith SFIL change)
VARIANCE			
Variance to allow for the operation of t	ption to drill intermediate hol	e with 9.875" bit and run	8.625" P-110HSCY 32 PPF TLW
<u>ATTACHEMENTS</u>			
Lindsted C-102 Drilling Pl	an Directional Survey\Plot P	lan & 8.625 32.00 P110H	SCY TLW.
Opualed C-102, Drining 11	ui, Directional Salvey a lot i		
I hereby certify that the information	above is true and complete to	the best of my knowled	ge and belief.
64 1.1	+ le man		
Oru W	Nerver		12/12/19
SIGNATURE 🦉	TITLE	Regulatory Complian	<u>ice Analyst</u> DATE <u>12/13/18</u>
Type or print name <u>Erin Workma</u> For State Use Only_	nE-mail address:	<u>Erin.workman@dvn.c</u>	com PHONE: (405) 552- 7970
APPROVED RV. A anna	1 Prodam-TITLES	von-Interna Polos	157, DATE 12-24-18
Conditions of Approval (any):		p.	

1. Geologic Formations

TVD of target	9901	Pilot hole depth	N/A
MD at TD:	19831	Deepest expected fresh water:	400'

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Top Salt	500		
Base of Salt	2700		
Lamar	3106		
Bell Canyon	3157		
Brushy Canyon	5230		
Bone Spring Lime	6812		
1st BSPG Sand	7872		
2nd BSPG Sand	8716		
3rd BSPG Sand	9791		
Wolfcamp	10050		
Wolfcamp XY	10164		
Wolfcamp 100	10268		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

Hole	Casing	g Interval	Csg.	Weight	Grade	Conn.	SF	SF	SF
Size	From	То	Size	(lbs)			Collapse	Bur	Tension
								st	
17.5"	0	400'	13.375"	48	J-55	STC	1.125	1.25	1.6
12.25"	0	2700'	10.75"	45.5	J-55	STC	1.125	1.25	1.6
9.875"	0	9482'	7.625"	29.7	P110	BTC	1.125	1.25	1.6
8.75"	9482'	10383'	7.625"	29.7	P110	Flushmax III	1.125	1.25	1.6
6.75"	0	TD	5.5"	20	P110	Vam SG	1.125	1.25	1.6

2. Casing Program

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Rustler top will be validated via drilling parameters (i.e. reduction in ROP) and surface casing setting depth revised accordingly if needed.

A variance is requested to wave the annular clearance guidelines pertaining to casing collars allowing the use of 10-3/4" casing in 12-1/4" hole.

A variance is requested to wave the centralizer requirement for the 7-5/8" flush casing in the 8-3/4" hole and the 5-1/2" SF/Flush casing in the 6-3/4" hole.

Hole	Casin	Casing Interval		Casing Interval		Casing Interval		Weight	Grade	Conn.	SF	SF	SF
Size	From	То	Size	(lbs)			Collapse	Bur	Tension				
	1							st					
17.5"	0	400'	13.375"	48	J-55	STC	1.125	1.25	1.6				
12.25"	0	2700'	10.75"	45.5	J-55	STC	1.125	1.25	1.6				
9.875"	0	9200'	8.625"	32	P110EC	VAM FJL	1.125	1.25	1.6				
7.875"	0	TD	5.5"	20	P110	Vam SG	1.125	1.25	1.6				

Casing Program (Alternate Design)

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Rustler top will be validated via drilling parameters (i.e. reduction in ROP) and surface casing setting depth revised accordingly if needed.

A variance is requested to wave the centralizer requirement for the 8-5/8" flush casing in the 9-7/8" hole and the 5-1/2" SF/Flush casing in the 7-7/8" hole.

A variance is requested to wave the annular clearance guidelines pertaining to casing collars allowing the use of 10-3/4" casing in 12-1/4" hole.

8-5/8" Intermediate casing will be kept fluid filled.

Hole	Casin	Casing Interval		Casing Interval		Casing Interval Csg. Weig		Weight	Grade Conn.		SF	SF	SF
Size	From	То	Size	(lbs)			Collapse	Bur st	Tension				
17.5"	0	400'	13.375"	48	J-55	STC	1.125	1.25	1.6				
10.625"	0	9200'	8.625"	32	P110EC	BTC	1.125	1.25	1.6				
7.875"	0	TD	5.5"	20	P110	Vam SG	1.125	1.25	1.6				

Casing Program (Alternate Design II)

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

Casing	# Sks	Wt.	Hz0 gal/sk	Yid ft3/	Slurry Description
		gal	Bailar	sack	
Surface	310	14.8	6.34	1.34	Tail: Class C Cement + 1% Calcium Chloride
Int I	448	12.9	13.5	1.85	Lead: Class H/C + additives
11101	142	14.8	3.31	1.33	Tail: Class H/C + additives
Int II	812	9	5.31	3.27	Lead: Tuned Light [®] Cement
	108	14.5	3.31	1.6	Tail: Class H/C + additives
Intermediate	730	14.8	6.32	1.33	Class C Cement + 0.125 lbs/sack Poly-E-Flake
"	386	13.2	5.31	1.6	Lead: Class H/C + additives
(Bradenhead)	108	14.5	3.31	1.6	Tail: Class H/C + additives
Production	702	14.8	6.32	1.33	Class H Cement + 0.125 lbs/sack Poly-E-Flake

3. Cementing Program (Primary Design)

If a DV tool is used, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	% Excess				
Surface	50%				
Intermediate	30%				
Production	25%				

Casing	# Sks	Wt. lb/	H20 gal/sk	Yld ft3/	Slurry Description
ļ		gal		sack	
Surface	310	14.8	6.34	1.34	Tail: Class C Cement + 1% Calcium Chloride
Inti	448	12.9	13.5	1.85	Lead: Class H/C + additives
	142	14.8	3.31	1.33	Tail: Class H/C + additives
Int II	480	9	5.31	3.27	Lead: Tuned Light [®] Cement
	108	14.5	3.31	1.6	Tail: Class H/C + additives
Intermediate	450	14.8	6.32	1.33	Class C Cement + 0.125 lbs/sack Poly-E-Flake
1	386	13.2	5.31	1.6	Tail: Class H/C + additives
(Bradenhead)	108	14.5	3.31	1.6	Tail: Class H/C + additives
Production	702	14.8	6.32	1.33	Class H Cement + 0.125 lbs/sack Poly-E-Flake

Cementing Program (Alternate Design I)

If a DV tool is used, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	% Excess
Surface	50%
Intermediate	30%
Production	25%

Cementing Program (Alternate Design II)

Casing	# Sks	Wt.	H ₂ O	Yld	Slurry Description
		lb/	gal/sk	ft3/	
		gal		sack	
Surface	310	14.8	6.34	1.34	Tail: Class C Cement + 1% Calcium Chloride
Int	715	9	5.31	3.27	Lead: Tuned Light [®] Cement
	108	14.5	3.31	1.6	Tail: Class H/C + additives
	485	14.8	6.32	1.33	Class C Cement + 0.125 lbs/sack Poly-E-Flake
Intermediate (Bradenhead)	386	13.2	5.31	1.6	Tail: Class H/C + additives
	108	14.5	3.31	1.6	Tail: Class H/C + additives
Production	702	14.8	6.32	1.33	Class H Cement + 0.125 lbs/sack Poly-E-Flake

4. Pressure Control Equipment

N A variance is requested for the use of a diverter on the surface casing. See attached for schematic.

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	T	уре		Tested to:	
			An	nular	X	50% of rated working pressure	
Intermediate	12 5/9"	5M	Blin	d Ram	X		
memeurate	13-3/8		Pipe Ram		514		
			Doub	le Ram		2141	
			Other*				
	13-5/8"	5M	Annu	lar (5M)	X	50% of rated working pressure	
			Blind Ram		X		
Production			Pipe Ram				
			Doub	le Ram	X	5M	
			Other *				
			Annular				
			Blin	d Ram			

١

Pipe Ram	
Double Ram	
Other	
*	

*Specify if additional ram is utilized.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Y	Formation integrity test will be performed per Onshore Order #2.					
	On Exploratory wells or on that portion of any well approved for a 5M BOPE system or					
	greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in					
	accordance with Onshore Oil and Gas Order #2 III.B.1.i.					
	A variance is requested for the use of a flexible choke line from the BOP to Choke					
Y	Manifold. See attached for specs and hydrostatic test chart.					
	Y Are anchors required by manufacturer?					
Y	A multibowl wellhead may be used. The BOP will be tested per Onshore Order #2 after					
-	installation on the surface casing which will cover testing requirements for a maximum of					
	30 days. If any seal subject to test pressure is broken the system must be tested.					
	Devon proposes using a multi-bowl wellhead assembly. This assembly will only be tested					
	when installed on the surface casing. Minimum working pressure of the blowout					
	preventer (BOP) and related equipment (BOPE) required for drilling below the surface					
	casing shoe shall be 5000 (5M) psi.					
	• Wellhead will be installed by wellhead representatives.					
	• If the welding is performed by a third party, the wellhead representative will					
	monitor the temperature to verify that it does not exceed the maximum					
İ	temperature of the seal.					
	• Wellbead representative will install the test plug for the initial BOP test					
	Wellbead company will install a solid steel body pack-off to completely isolate					
	the lower head after company with instant a solid sider body pack-on to completely isolate					
	off the pack off and the lower flange will be tested to 3M as shown on the					
	off, the pack-off and the lower hange will be tested to sive, as shown on the					
	attached schematic. Everything above the pack-off will not have been aftered					
	whatsoever from the initial hipple up. Therefore the BOP components will not be					
	retested at that time.					
	• If the cement does not circulate and one inch operations would have been possible					
	with a standard wellhead, the well head will be cut and top out operations will be					
	conducted.					

• Devon will pressure test all seals above and below the mandrel (but still above the casing) to full working pressure rating.	;
• Devon will test the casing to 0.22 psi/ft or 1500 psi, whichever is greater, as per Onshore Order #2.	
After running surface casing, a 13-5/8" BOP/BOPE system with a minimum rating of 5M will be installed on the wellhead system and will undergo a 250 psi low pressure test	
followed by a 5,000 psi high pressure test. The 5,000 psi high and 250 psi low test will cover testing requirements a maximum of 30 days, as per Onshore Order #2. If the well is	
not complete within 30 days of this BOP test, another full BOP test will be conducted, as per Onshore Order #2.	
12.5/9" DOD/DODE system will have been tested to 10M acting prior to drilling out	

13-5/8" BOP/BOPE system will have been tested to 10M rating prior to drilling out intermediate casing.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 5,000 psi WP.

Devon's proposed wellhead manufactures will be FMC Technologies, Cactus Wellhead, or Cameron.

Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line). The line will be kept as straight as possible with minimal turns.

Depth		Туре	Weight (ppg)	Viscosity	Water Loss	
From	То					
0	400'	FW Gel	8.6-8.8	28-34	N/C	
400'	2700'	Sat Brine /DBE	9.5-10.1	34-40	N/C - 6	
2700'	9200'	Sat Brine/Cut Brine/DBE	9.0-9.8	32-36	N/C - 6	
9200'	TD	OBM	10.0-11.5	45-65	N/C-6	

5. Mud Program

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	PVT/Pason/Visual Monitoring
of fluid?	

6. Logging and Testing Procedures

Logg	ing, Coring and Testing.
x	Will run GR/CNL fromTD to surface (horizontal well - vertical portion of hole). Stated
	logs run will be in the Completion Report and submitted 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

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

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	6010 psi
Abnormal Temperature	No

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

Hydrogen 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.

NH2S is presentYH2S Plan attached

8. Other facets of operation

Is this a walking operation? Potentially

- 1. In the event the spudder rig is unable to drill the surface holes the 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 with either OBM or cut brine 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 drill surface hole.

- **a.** Rig will utilize fresh water based mud to drill 14 ³/₄" 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).
- 3. The wellhead will be installed and tested once the 10-3/4" 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 pad.
- 6. The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7. Drilling operations will be performed with the drilling rig. At 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

<u>x</u> Directional Plan

____ Other, describe

C-_OCK WEDGE

8.625" 32.00 LB/FT (.352" Wall) BORUSAN MANNESMANNP110 HSCY

Pipe Body Data

Nominal OD:	8.625	in
Nominal Wall:	.352	in
Nominal Weight:	32.00	lb/ft
Plain End Weight:	31.13	lb/ft
Material Grade:	P110 HSCY	
Mill/Specification:	BORUSAN N	IANNESMANN
Yield Strength:	125,000	psi
Tensile Strength:	125,000	psi
Nominal ID:	7.921	in
API Drift Diameter:	7.796	in
Special Drift Diameter:	7.875	in
RBW:	87.5 %	
Body Yield:	1,144,000	lbf
Burst:	8,930	psi
Collapse:	4,230	psi

Connection Data

Standard OD:	9.000	in
Pin Bored ID:	7.921	in
Critical Section Area:	8.61433	in²
Tensile Efficiency:	94.2 %	
Compressive Efficiency:	100.0 %	
Longitudinal Yield Strength:	1,077,000	lbf
Compressive Limit:	1,144,000	lbf
Internal Pressure Rating:	8,930	psi
External Pressure Rating:	4,230	psi
Maximum Bend:	62.6	°/100
1		

Operational Data

Minimum Makeup Torque:	29,900	ft*lbf
Optimum Makeup Torque:	37,375	ft*lbf
Maximum Makeup Torque:	80,900	ft*lbf
Minimum Yield:	89,900	ft*lbf
Makeup Loss:	5.97	in

Notes

Operational Torque is equivalent to the Maximum Make-Up Torque.



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Please visit http://www.huntingplc.com for the latest technical information.





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ACCESS ROAD PLAT ACCESS ROAD FROM HARROUN TRUST 31 4H & 5H WELLPAD TO SPUD MUFFIN 31-30 738H, 624H, 334H, & 736H

DEVON ENERGY PRODUCTION COMPANY, L.P. CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING SECTION 31, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO DECEMBER 4, 2018

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING FEE LAND IN SECTION 31, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE/4 SE/4 OF SAID SECTION 31, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., WHENCE THE SOUTH QUARTER CORNER OF SAID SECTION 31, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS S83'04'33"W, A DISTANCE OF 1568.33 FEET; THENCE S89'35'40"E A DISTANCE OF 453.60 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE

SOUTHEAST CORNER OF SAID SECTION 31, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS S72'15'28"E, A DISTANCE OF 671.11 FEET;

SAID STRIP OF LAND BEING 453.60 FEET OR 27.49 RODS IN LENGTH, CONTAINING 0.312 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SE/4 453.60 L.F. 27.49 RODS 0.312 ACRES

CE 1.) AC 2.) EAS CO (FE

SURVEYOR CERTIFICATE

I FILMON E JARAMILLO A NEW MEYRO PROFESSIONAL SUPPEYOR NO. 12797

NERAL NOTES THE INTENT OF THIS ROUTE SURVEY IS TO QUIRE AN EASEMENT.	HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.
	IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,
BASIS OF BEARING AND DISTANCE IS NMSP T (NAD83) MODIFIED TO SURFACE	NEW MEXICO, THIS DAY OF DECEMBER 2018
DRDINATES. NAD 83 (FEET) AND NAVD 88 ET) COORDINATE SYSTEMS USED IN THE	MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSPAD, NEW MEXICO 88220
RVÉY.	Phone (575) 234-3341
SHEET: 2–2	SURVEY NO. 5962D
MADRON SURVEYING / II	NQ. 1575) 234-3941 CARLSBAD, NEW MEXICO