NSL

Initial

Application

Received: 07/17/20

NSL-8056

Revised March 23, 2017

RECEIVED: 07/17/20 REVIEWER: APP NO: **LRL** pLEL2020232931 ABOVE THIS TABLE FOR OCD DIVISION USE ONLY



NEW MEXICO OIL CONSI	ERVATION DIVISION
- Geological & Enginee	ering Bureau –
1220 South St. Francis Drive, S	anta Fe, NM 87505
A DAMINICTO ATIVE A DOLLO	CATION CHECKIET
ADMINISTRATIVE APPLIC THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE AF	
regulations which require processing /	
Applicant: Devon Energy Production, L.P.	OGRID Number: 6137
Well Name: Shetland 2-11 State Fed Com #613H Well	API: 30-015-47172
Pool: Purple Sage; Wolfcamp (Gas) Pool	Pool Code: 98220
SUBMIT ACCURATE AND COMPLETE INFORMATION RE INDICATED	
1) TYPE OF APPLICATION: Check those which apply for A. Location – Spacing Unit – Simultaneous Dedication — NSL NSP (PROJECT AREA)	
[II] Injection – Disposal – Pressure Increase – E WFX PMX SWD IPI 2) NOTIFICATION REQUIRED TO: Check those which ap A, Offset operators or lease holders B. Royalty, overriding royalty owners, revenue C. Application requires published notice D. Notification and/or concurrent approval be E. Notification and/or concurrent approval be F. Surface owner G. For all of the above, proof of notification of H. No notice required	FOR OCD ONLY Poply, Powners Application Content Complete To publication is attached, and/or,
3) CERTIFICATION: I hereby certify that the information administrative approval is accurate and complete understand that no action will be taken on this appropriate to the Division.	to the best of my knowledge. I also
Note: Statement must be completed by an individua	l with managerial and/or supervisory capacity.
	July 17, 2020
Kaitlyn A. Luck	Date
Print or Type Name	
Thin of type Name	505-954-7286
Growthill 1	Phone Number
TANA TIME	kaluck@hollandhart.com
Signature	e-mail Address



Kaitlyn A. Luck Phone (505) 954-7286 KALuck@hollandhart.com

July 17, 2020

VIA ONLINE FILING

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

Re: Application of Devon Energy Production, LP, for administrative approval of an unorthodox well location for its Shetland 2-11 State Fed Com #613H Well in the E/2 of Sections 2 and 11, Township 26 South, Range 31 East, N.M.P.M., Eddy County, New Mexico.

Dear Ms. Sandoval:

Devon Energy Production, LP ("Devon") (OGRID No. 6137) seeks administrative approval of an unorthodox well location for its **Shetland 2-11 State Fed Com #613H** (API No. 30-015-47172) to be completed within the Purple Sage Wolfcamp Pool (98220) underlying the E/2 of Sections 2 and 11, Township 26 South, Range 31 East, N.M.P.M., Eddy County, New Mexico.

This well will be drilled from a <u>surface location</u> 170 feet from the north line and 1130 feet from the east line (Unit A) of Section 2 to a <u>bottom hole location</u> 20 feet from the south line and 1750 feet from the east line (Unit O) of Section 11. The <u>first take point</u> will be located 100 feet from the north line and 1750 feet from the east line (Unit A) of Section 2, and the <u>last take point</u> will be 100 feet from the south line and 1750 feet from the east line (Unit O) of Section 11.

Purple Sage-Wolfcamp Gas Pool which provide for wells in the Wolfcamp formation in Eddy County to be located no closer than 330 feet to the outer boundary of the spacing unit. The completed interval for the **Shetland 2-11 State Fed Com #613H** will be unorthodox because it is closer than 330 feet to the northern and southern boundaries of the spacing unit. Approval of the unorthodox completed interval will allow Devon to use its preferred well spacing plan for horizontal wells in this area and thereby prevent waste.

Exhibit A is a Well Location and Acreage Dedication Plat (Form C-102), which shows that the completed interval of the proposed **Shetland 2-11 State Fed Com #613H** encroaches on the drilling and spacing unit to the north in Section 35, Township 25 South, Range 31 East, and to the south in Section 14, Township 26 South, Range 31 East.

Exhibit B is a land plat for Sections 2 and 11 that shows the proposed **Shetland 2-11 State Fed Com #613H** in relation to the adjoining spacing unit to the north in Section 35 and to the south in Section 14.

Ownership is diverse between the subject spacing unit and the affected spacing units to the north and south. **Exhibit C** reflects that a copy of this application with all attachments has been sent by certified mail to each affected person advising that any objections must be filed in writing with the Division within 20 days from the date the Division receives the application.

Exhibit D is a statement from a Devon's petroleum engineer confirming that Devon's requested unorthodox location is necessary to optimize well spacing, thereby preventing waste.

Your attention to this matter is appreciated.

Sincerely,

Kaitlyn A. Luck

ATTORNEY FOR DEVON ENERGY PRODUCTION COMPANY, L.P.

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

¹ API Number

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

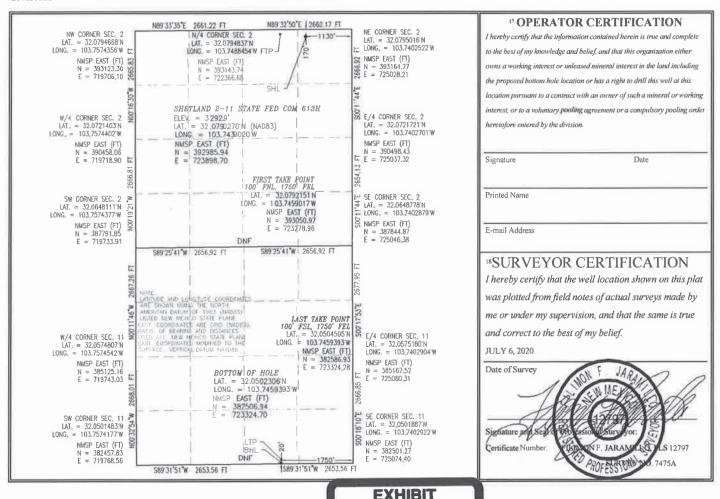
3 Pool Name

V	V	1	3	I	,	I	,	1	L	.(٦	1	1	4	ľ	I	1	I	()	1	١	J	Δ	١	1	١	I	T)	,	Δ	١	((7	F	₹	I	4	. /	4	ú	ſ	ì	F	Ξ,	ľ	Γ)	F	₹,	Ī)	I	(7	1	4	T	ľ	()	N	J	F)	Ī	, /	Д	ľ	T	`

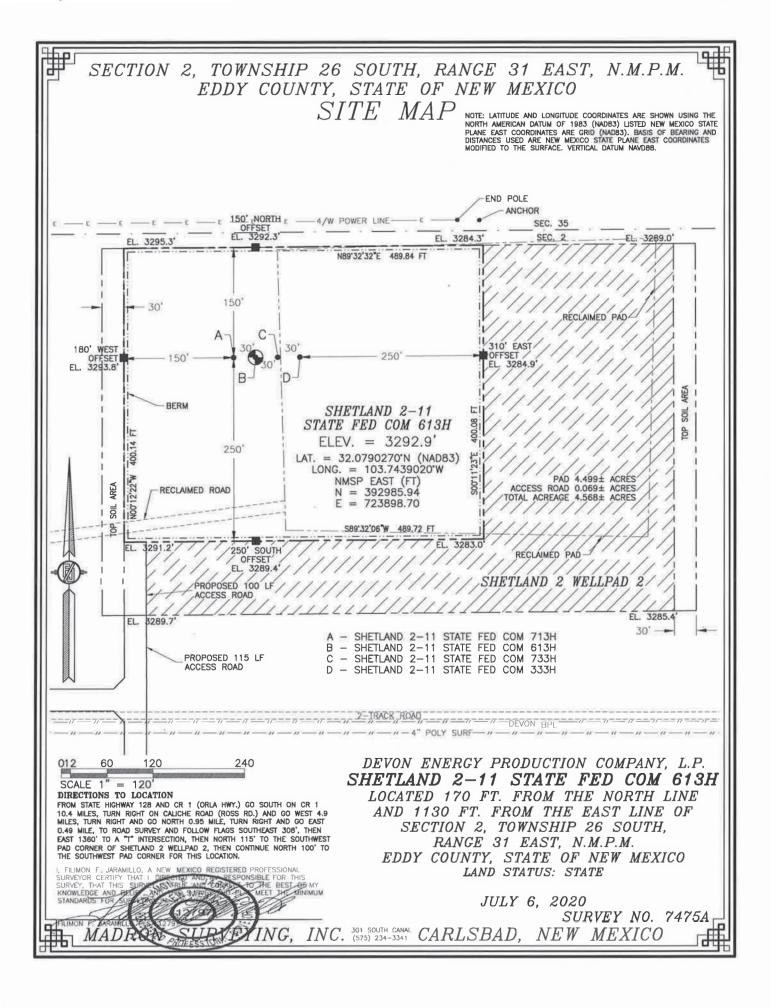
² Pool Code

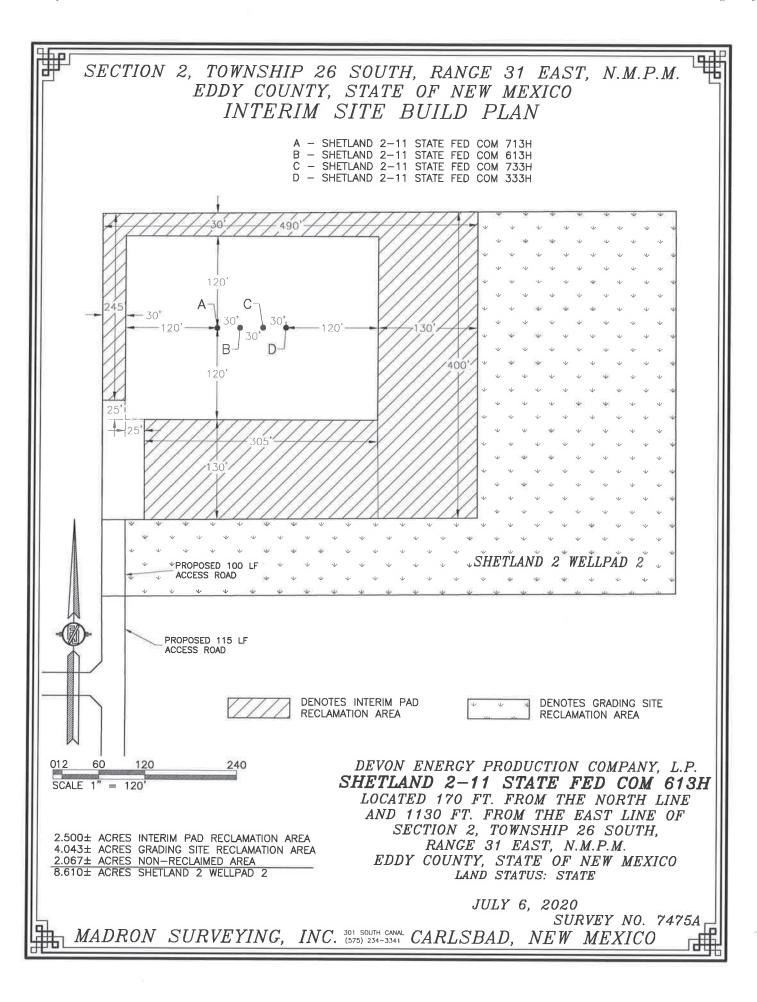
4 Property C	Code				5 Property	Name			6 1	Well Number
				SHET	LAND 2-11 ST	TATE FED COM				613H
OGRID N	No.				⁸ Operator	Name				⁹ Elevation
6137			DEV	ON ENEI	RGY PRODUC	CTION COMPA	NY, L.P.		25	3292.9
					¹⁰ Surface	e Location			"	
UL or lot no.	Section	Townshi	p Range	Lot ldn	Feet from the	North/South line	Feet from the	East/We	st line	County
A	2	26 S	31 E		170	NORTH	1130	EAS	ST	EDDY
			11 B	ottom H	ole Location	If Different Fro	om Surface			
UL or lot no.	Section	Townshi	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
0	11	26 S	31 E		20	SOUTH	1750	EAS	ST	EDDY
12 Dedicated Acres	13 Joint	or Infill	14 Consolidation	Code			15 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.

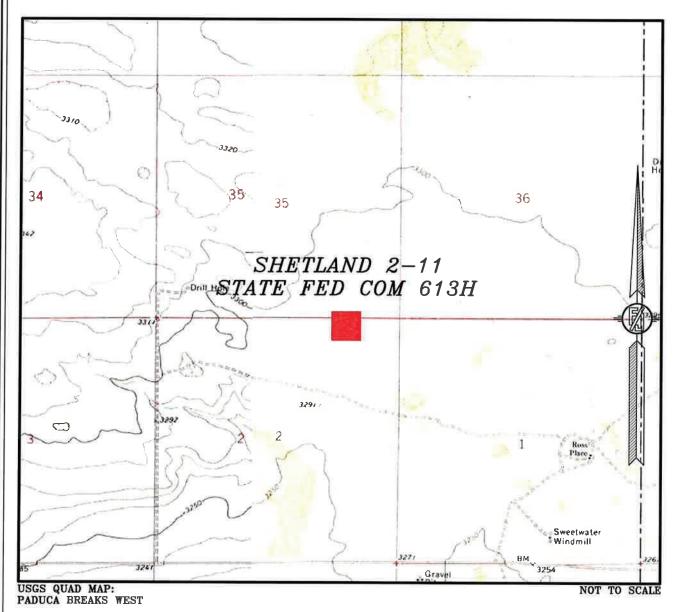


	erator Nar	me:	,			Property N	lame:					Well Numbe
DE	VON ENE	RGY PRO	DUCTIO	N CO.,	L.P.	SHE	ETLAN	ID 2-1	1 STATE	FED C	OM	613H
ick (Off Point (KOP)										
UL	Section	Township	Range	Lot	Feet	From N	N/S	Feet	Fror	n E/W	County	
Latit	ude				Longitu	de					NAD	
	Take Poin											
UL B	Section 2	Township 26S	Range 31E	Lot	Feet 100	From N NOR	I/S TH	Feet 1750	Fror EA S	n E/W ST	County EDDY	
Latit	32.079	2151			Longitu	de 103.745 9	9017				NAD 83	}
est 7	Take Point	:(LTP)										
JL	Section	Township 26S	Range 31E	Lot	Feet 100	From N/S SOUTH	Feet 175	0	From E/W E AST	Count EDD	Y Y	
JL O	Section 11	Township	Range 31E	Lot	Feet 100 Longitud	SOUTH	175	0 1		Count EDD	ў ў	
UL O	Section 11	Township 26S	Range 31E	Lot	100	SOUTH de	175	0 1		EDD	Ý	
UL O Latit	Section 11 ude 32.0	Township 26S	31E		Longitud	SOUTH de 103.745	175	0 1		EDD	Ý	
UL O Latit	Section 11 ude 32.0	Township 26S	31E		Longitud	SOUTH de 103.745	175	0 1		EDD	Ý	
UL O Latito	Section 11 ude 32.0	Township 26S 504505	31E		Longitud	SOUTH de 103.745	175	0 1		EDD	Ý	
UL O Latitu	Section 11 32.0!	Township 26S 504505	31E		Longitud	SOUTH de 103.745	175	0 1		EDD	Ý	
UL O Latitu this	Section 11 ade 32.0! s well the swell an in	Township 26S 504505 defining we	ell for the	e Horizo	Longitud	de 103.745 cing Unit?	9393	3	EAST	NAD	<u>ү</u> 83	for Horizonta
UL O Latitu this	Section 11 ade 32.0! s well the swell an in II is yes pong Unit.	Township 26S 504505 defining we	ell for the	e Horizo	Longitud	de 103.745 cing Unit?	9393	3	EAST	NAD	<u>ү</u> 83	





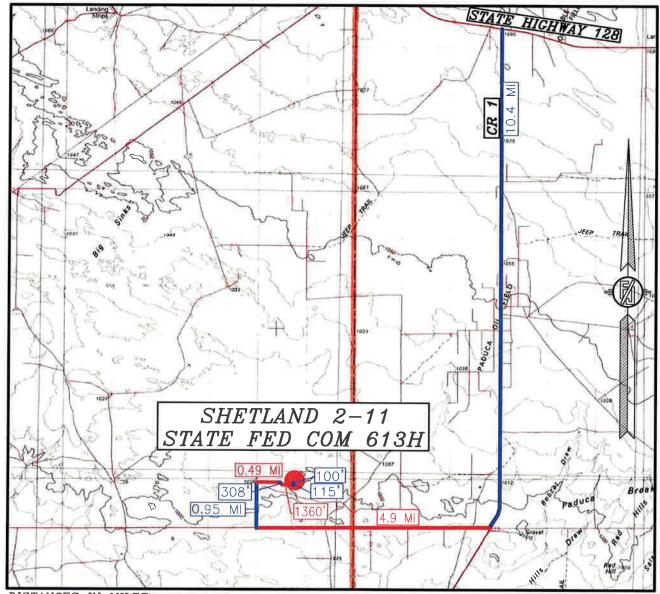
SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
SHETLAND 2-11 STATE FED COM 613H
LOCATED 170 FT. FROM THE NORTH LINE
AND 1130 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 26 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LAND STATUS: STATE

JULY 6, 2020

SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

RD.) AND GO WEST 4.9 MILES, TURN RIGHT AND GO NORTH 0.95 MILE, TURN RIGHT AND GO EAST 0.49 MILE, TO ROAD

SURVEY AND FOLLOW FLAGS SOUTHEAST 308', THEN EAST 1360' TO A "T" INTERSECTION, THEN NORTH 115' TO THE SOUTHWEST PAD CORNER OF SHETLAND 2 WELLPAD 2, THEN

CONTINUE NORTH 100' TO THE SOUTHWEST PAD CORNER FOR

DIRECTIONS TO LOCATION

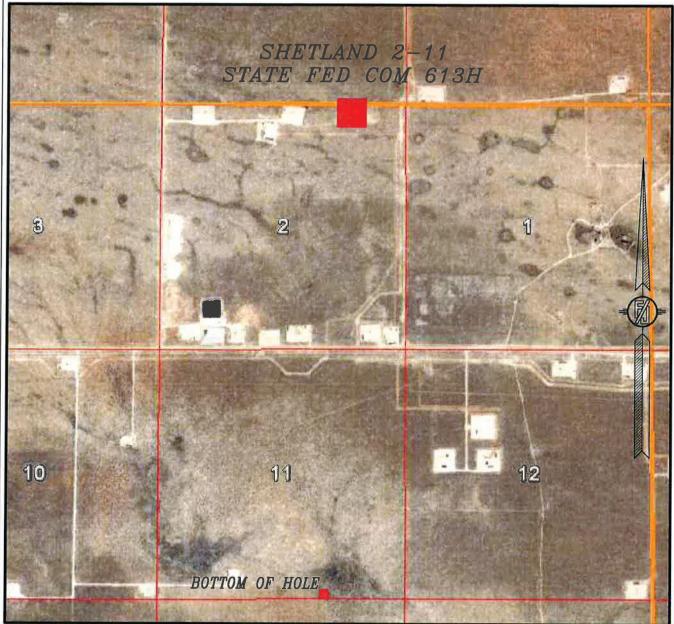
THIS LOCATION.

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P. SHETLAND 2-11 STATE FED COM 613H LOCATED 170 FT. FROM THE NORTH LINE AND 1130 FT. FROM THE EAST LINE OF FROM STATE HIGHWAY 128 AND CR 1 (ORLA HWY.) GO SOUTH ON CR 1 10.4 MILES, TURN RIGHT ON CALICHE ROAD (ROSS SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LAND STATUS: STATE

JULY 6, 2020

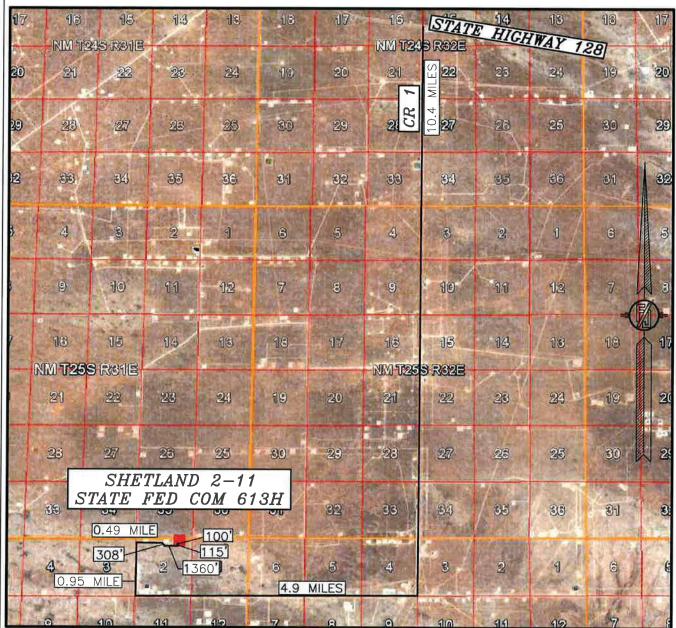
SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH FEBRUARY 2019 DEVON ENERGY PRODUCTION COMPANY, L.P. SHETLAND 2-11 STATE FED COM 613H LOCATED 170 FT. FROM THE NORTH LINE AND 1130 FT. FROM THE EAST LINE OF SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LAND STATUS: STATE

JULY 6, 2020

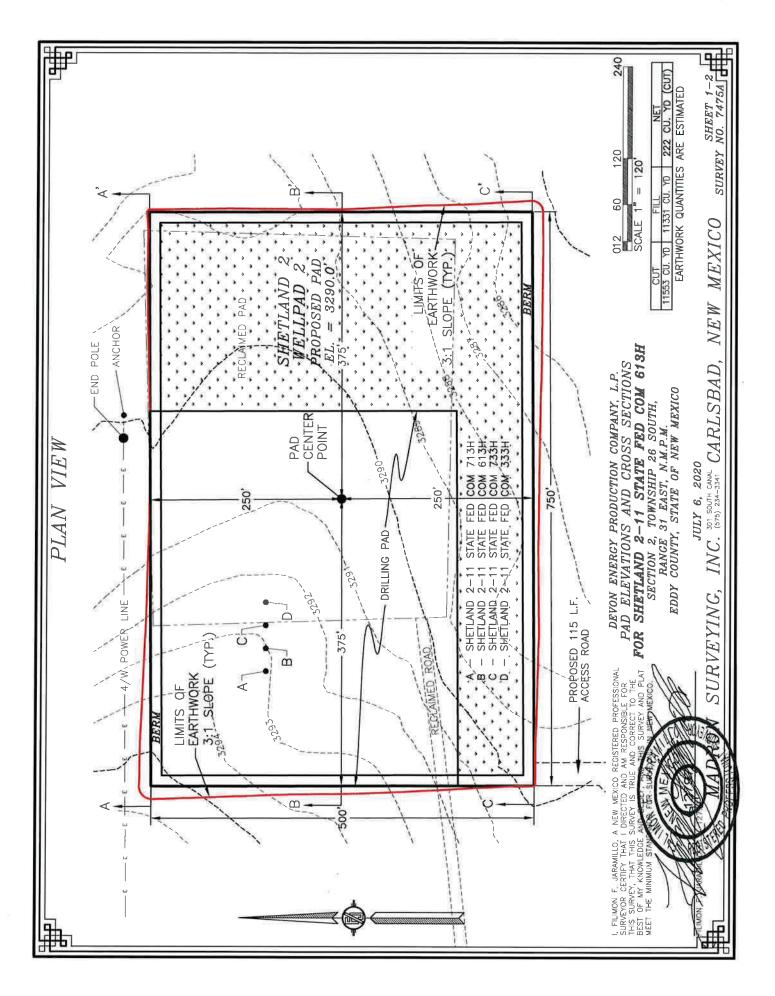
TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. SECTION 2, EDDY COUNTY, STATE OF NEW MEXICO ACCESS AERIAL ROUTEMAP

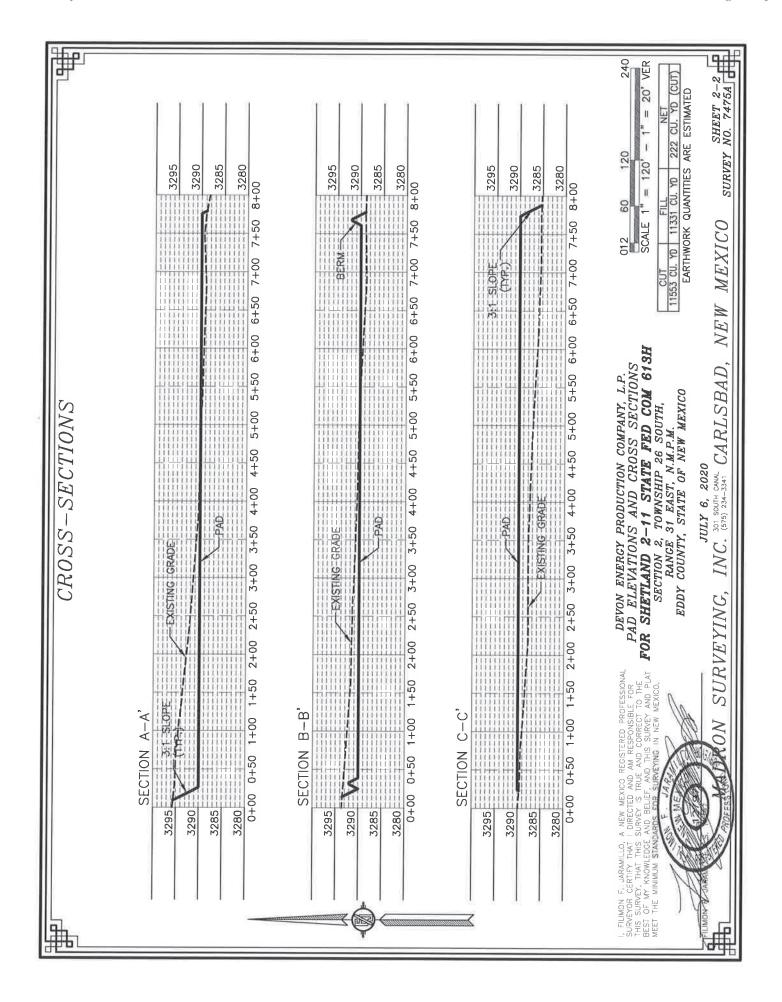


NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH FEBRUARY 2019 DEVON ENERGY PRODUCTION COMPANY, L.P. SHETLAND 2-11 STATE FED COM 613H LOCATED 170 FT. FROM THE NORTH LINE AND 1130 FT. FROM THE EAST LINE OF SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

LAND STATUS: STATE

JULY 6, 2020

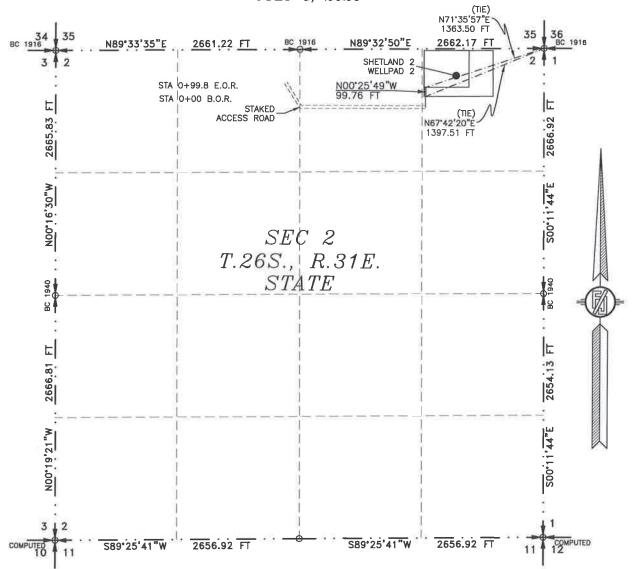




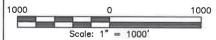
ACCESS ROAD PLAT (7600264R)

ACCESS ROAD TO THE SHETLAND 2 WELLPAD 2 (SHETLAND 2-11 STATE FED COM 713H, 613H, 7333H, 333H)

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JULY 6, 2020



SEE NEXT SHEET (2-2) FOR DESCRIPTION



GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1−2

MADRON SURVEYING, INC. 301 SOUTH CANA

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, 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,



MADRON SURVEYING, INC... 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 7475A,

NEW MEXICO

ACCESS ROAD PLAT (7600264R)

ACCESS ROAD TO THE SHETLAND 2 WELLPAD 2 (SHETLAND 2-11 STATE FED COM 713H, 613H, 7333H, 333H)

DEVON ENERGY PRODUCTION COMPANY, L.P. CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO JULY 6, 2020

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 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 NE/4 NE/4 OF SAID SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N67'42'20"E, A DISTANCE OF 1397.51 FEET;

THENCE NO0"25'49"W A DISTANCE OF 99.76 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N71°35'57"E, A DISTANCE OF 1363.50 FEET;

SAID STRIP OF LAND BEING 99.76 FEET OR 6.05 RODS IN LENGTH, CONTAINING 0.069 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 99.76 L.F. 6.05 RODS 0.069 ACRES

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, 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,

NEW MEXICO, TH DE JULY 2020 INC 301 SOUTH (575) 234-3341 *NEW MEXICO*

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 7475A

GENERAL NOTES

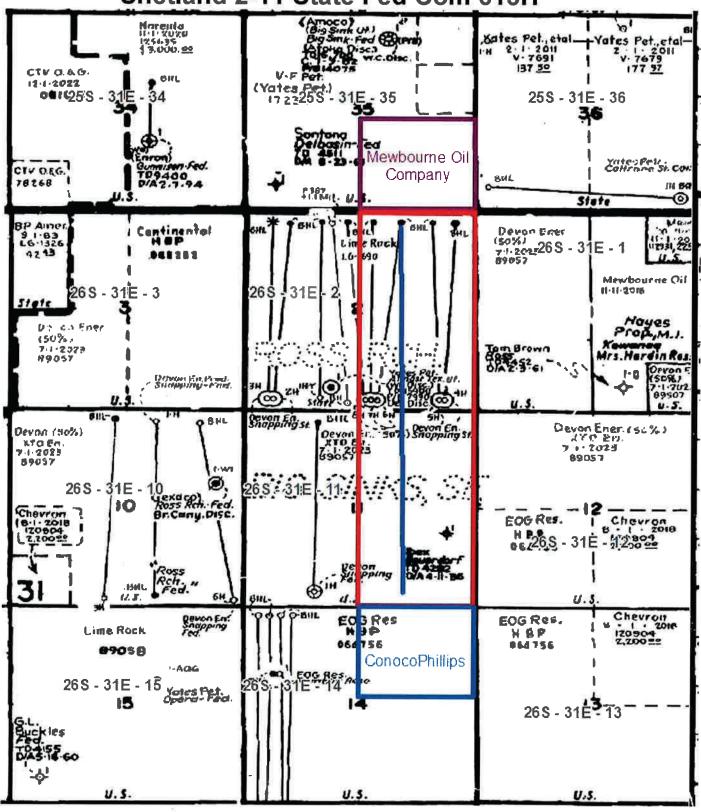
1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVÉY.

SHEET: 2-2

MADRON SURVEYING,

Affected Tracts
Shetland 2-11 State Fed Com 613H







Kaitlyn A. Luck Phone (505) 954-7286 KALuck@hollandhart.com

July 17, 2020

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO AFFECTED PARTIES:

Re: Application of Devon Energy Production, LP, for administrative approval of an unorthodox well location for its Shetland 2-11 State Fed Com #613H in the E/2 of Sections 2 and 11, Township 26 South, Range 31 East, N.M.P.M., Eddy County, New Mexico.

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty days from this date with the applicant and the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this application, please contact the following:

Tim Prout **Devon Energy** (405) 552-6113 Tim.Prout@dvn.com

Sincerely,

Kaitlyn A. Luck

ATTORNEY FOR DEVON ENERGY PRODUCTION

COMPANY, L.P.





CM# 41132.0002

Shipment Confirmation Acceptance Notice

Note to Mailer: The labels and volume associated to this form online, must match the labeled packages being presented to the USPS® employee with this form.

Devon - Shetland 611H, 613H, 711H, 712H, 732H NSL

Shipment Date: 07/17/2020

Shipped From:

Name: HOLLAND & HART LLP (1)

Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®*	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	4
Total	4

^{*}Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

Note to RSS Clerk:
1. Home screen > Mailing/Shipping > More
2. Select Shipment Confirm
3. Scan or enter the barcode/label number from PS Form 5630

Confirm the volume count message by selecting Yes or No
 Select Pay and End Visit to complete transaction

USPS EMPLOYEE: Please scan upon pickup or receipt of mail. Leave form with customer or in customer's mail receptacle.

USPS SCAN AT ACCEPTANCE



9275 0901 1935 6200 0023 0575 16

UNITED STATES	POSTAL SERVICE®
	1

Name and Address of Sender	Check type of mail or service					I IIII Maiiiig Book For Accountable Maii				3	חוום	Die	<u>=</u>
Holland & Hart LLP (1) 110 N Guadalupe St # 1 Santa Fe NM 87501 USPS Tracking/Article Number	Priority Mail Express Very Registered Mail Return Receipt for Merchandise Signature Confirmation Signature Confirmation Restricted Delivery City State & ZID Cod City	Affix St (if issuec certificat additions Postman	Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this rece Postmark with Date of Rec	Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.		L			-	-	1		
	State, & ZIF Code ''')	Postage (Extra Service) Fee	rra Handling ice) Charge e	ng Actual Value e if Registered	Insured Value	Sender if	ASR Fee	ASRD	RD Fee	RR Fee	SC SC Fee Fe	SCRD S	SH
1. 9214 8901 9403 8316 8330 11	Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 67508	1.90 3.55				8				1.70			
2. 9214 8901 9403 8316 8330 28	State Land Office 310 Old Santa Fe Trail Santa Fe NW 87501	1.90 3.55								1.70	1380	A12	
3. 9214 8901 9403 8316 8330 35	ConocoePhillips Company 600 N Dairy Ashford Houston TX 77079	1.90 3.55					beri	yavilad	1	1.70	1	Allact hav	
4. 9214 8901 9403 8316 8330 42	Mewboume Oil Company 500 West Texas Suite 1020 Midland TX 79701	1.90					ure Requ	pestricted		Sqieoe?	itemaitno		8
			ietzigeA				dsngi2 t	A anuter	petricted			pecial	vers and
			arge - if				lubA	gis Hub/	19	1713		ature Cor	
			10 Builb					,			aniz	· E.o.	
			neH										
Total Number of Pieces Total Number of Pieces Listed by Sender Received at Post Office	Postmaster, Per (Name of receiving employee)								1	-	-	-	7
PS Form 3877 , April 2015 (Page 1 of 1) PSN 7530-02-000-9098	Complete in Ink	cy Notice: F	For more	Privacy Notice: For more information on USPS privacy policies, visit usps.com/privacypolicy.	on USP	S privac	y polic	ies, vis	sit usp	s.con	ı/priva	cypol	C.



Devon Energy Production Company, L.P. 333 West Sheridan Avenue Oklahoma City, OK 73102

July 15, 2020

Mr. Leonard Lowe New Mexico Oil Conservation Division 1220 South Francis Drive Santa Fe, New Mexico 87505

RE:

Application for Nonstandard Locations

Engineering Statement

Devon Energy Production Company, L.P.

Shetland 11-2 Fed State Com 611H, 711H, 712H, 732H

Shetland 2-11 State Fed Com 613H

Sections 10 & 3-26S-31E Eddy County, New Mexico

Dear Mr. Lowe:

Devon Energy Production Company, L.P. respectfully requests administrative approval of a non-standard location for each of the Shetland wells referenced above by decreasing the first and last take point(s) from 330 feet to 100 feet from the horizontal plane outer boundary. The wells are located in the Purple Sage-Wolfcamp Gas Pool (Pool Code 98220). It is Devon's responsibility as a prudent operator to maximize lateral length and to minimize reserves left in the ground. Decreasing the last take point will increase the wells effective lateral length by 460 feet thereby increasing ultimate recovery of reserves and preventing waste of natural resources.

Sincerely,

Paige Bowes

Reservoir Engineer

Parge Bowes

