Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

HOBBS OCD
OCT 07 2019
RECEIVED

5. Lease Serial No.
NMNM97151

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FLAGLER 8 FED 20H

2. Name of Operator
DEVON ENERGY PRODUCTION COMPAN
Contact: REBECCA DEAL
E-Mail: Rebecca.Deal@dvn.com

9. API Well No.
30-025-45003-00-X1

3a. Address
333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)
Ph: 405-228-8429

10. Field and Pool or Exploratory Area
DRAPER MILL-BONE SPRING

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 8 T25S R33E SESW 380FSL 2630FWL
32.138901 N Lat, 103.594345 W Lon

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Devon Energy Production Co., L.P. respectfully requests a BHL change to the original APD.
Requested changes as follows:

BHL move from 330 FNL & 2630 FWL to 20 FNL & 1880 FEL, both 8-26S-33E

TVD/MD change from 10,425'/14,900' to 11,048'/16,100'

Please see attached revised C-102, directional & drilling plan.

OCD Hobbs

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #486151 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs
Committed to AFMSS for processing by CANDY VIGIL on 10/03/2019 (20CV0002SE)

Name *(Printed/Typed)* REBECCA DEAL — Title REGULATORY COMPLIANCE PROFESSI

Signature (Electronic Submission) — Date 10/02/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By LONG VO — Title PETROLEUM ENGINEER — Date 10/03/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

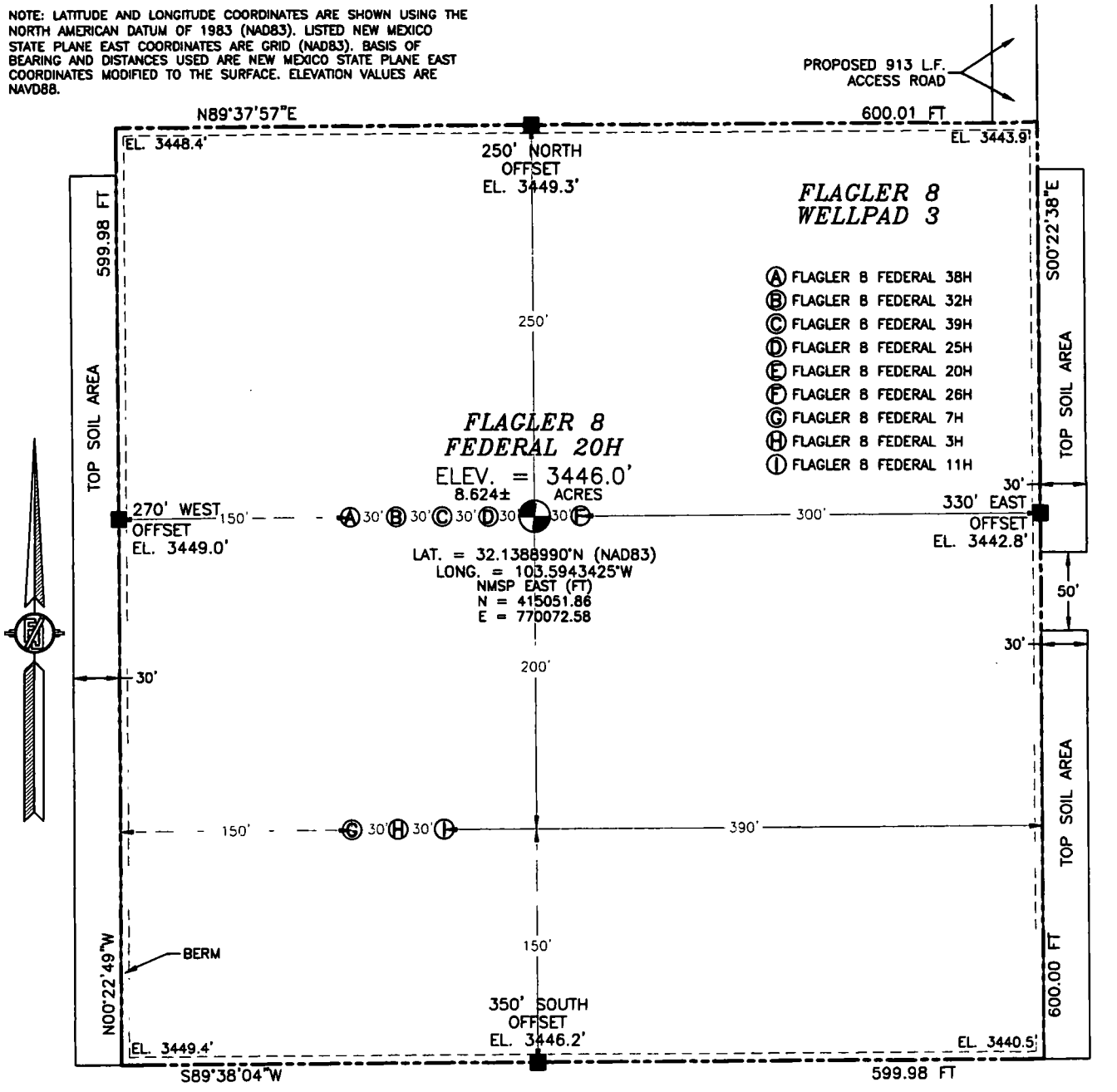
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

SECTION 8, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.



DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF HWY. 128 & DIAMOND ROAD, GO SOUTH ON DIAMOND ROAD APPROX. 2.4 MILES WHERE PAVEMENT ENDS & RANCH HOUSE, CONTINUE SOUTH APPROX. 0.5 MILE TO A "Y" INTERSECTION, GO SOUTH APPROX. 0.8 MILE TO A CATTLE GUARD, CONTINUE SOUTH APPROX. 1.1 MILE TO A "Y" INTERSECTION, GO SOUTHWEST ON LEASE ROAD APPROX 0.8 MILE TO A LEASE ROAD ON RIGHT (WEST), TURN WEST (RIGHT) GO 1.0 MILE TO GATE, GO THROUGH GATE TO A PROPOSED ROAD SURVEY, FOLLOW PROPOSED ROAD SOUTH 625' TO A PROPOSED "T" INTERSECTION, GO WEST 0.34 MILE TO A PROPOSED "Y" INTERSECTION, GO SOUTHWEST 513' AND SOUTH 400' TO THE NORTHEAST PAD CORNER FOR THIS LOCATION.

010 50 100 200
SCALE 1" = 100'

I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY WAS MADE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILIMON F. JARAMILLO 15269 PROFESSIONAL SURVEYOR — 9/19/19

DEVON ENERGY PRODUCTION COMPANY, L.P.
FLAGLER 8 FEDERAL 20H
LOCATED 380 FT. FROM THE SOUTH LINE AND 2630 FT. FROM THE WEST LINE OF SECTION 8, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 19, 2019

SURVEY NO. 5827C

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

Devon Energy, Flagler 8 Fed 20H

1. Geologic Formations

TVD of target	11,048'	Pilot hole depth	N/A
MD at TD:	16,112'	Deepest expected fresh water:	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Rustler	1016		
Top of Salt	1306		
Delaware	4961		
1st BSPG Lime	9166		
Leonard A	9234		
Leonard B	9550		
Leonard B TZT	9616		
Leonard B TZB	9668		
Leonard C	9824		

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

2. Casing Program

Hole Size	Casing Interval From	Casing Interval To	Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
17.5"	0	1,150' TVD	13.375"	48	H40	STC	1.125	1.25	1.6
12.25"	0	5,000' TVD	9.625"	40	J55	LTC	1.125	1.25	1.6
8.75"	0	TD	5.5"	17	P110	BTC	1.125	1.25	1.6
				BLM Minimum Safety Factor			1.125	1.25	1.6 Dry 1.8 Wet

ok

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

3. Cementing Program

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H_20 gal/sk	500# Comp. Strength (hours)	Slurry Description
Surf.	1201	14.8	1.33	6.32	6	Lead: Class C Cement + 0.125 lbs/sack Poly-F-Flake
Inter.	1035	10.3	3.65	22.06	24	Lead: (50:50) Poz (Silica) 3 lbm/sk Kol-Seal, .125 lbm/sk Poly-E-Flake
	166	14.8	1.33	6.32	6	Tail: Class C Cement + 0.125 lbs/sack Poly-F-Flake
Prod.	532	9	3.27	13.5	21	Lead: Tuned Light Cement
	1093	14.5	1.2	5.31	25	Tail: (50:50) Clas H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite

ok

Casing String	TOC	% Excess
13-3/8" Surface	0'	50%
9-5/8" Intermediate	0'	30%
5-1/2" Production	500' Tie-back	25%

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	Type	✓	Tested to:
12-1/4"	13-5/8"	5M	Annular	x	50% of working pressure
			Blind Ram		5M
			Pipe Ram		
			Double Ram	x	
			Other*		
8-3/4"	13-5/8"	5M	Annular	x	50% of working pressure
			Blind Ram		5M
			Pipe Ram		
			Double Ram	x	
			Other *		
			Annular		
			Blind Ram		
			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.

Y	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.	
	Y	Are anchors required by manufacturer?
Y	A multibowl wellhead is being 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 (3M) psi. o Wellhead will be installed by wellhead representatives. o 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 temperature of the seal. o Wellhead representative will install the test plug for the initial BOP test. o Wellhead company will install a solid steel body pack-off to completely isolate the lower head after cementing intermediate casing. After installation of the packoff, the pack-off and the lower flange will be tested to 3M, as shown on the attached schematic. Everything above the pack-off will not have been altered whatsoever from the initial nipple up. Therefore the BOP components will not be retested at that time. o 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. o Devon will pressure test all seals above and below the mandrel (but still above the casing) to full working pressure rating. o Devon will test the casing to 0.22 psi/ft or 1500 psi, whichever is greater, as per Onshore Order #2. After running the 13-3/8" 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. After running the 9-5/8' intermediate casing with a mandrel hanger, the 13-5/8" BOP/BOPE system with a minimum rating of 5M will already be installed on the wellhead. 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 EMC Technologies, Cactus Wellhead, or Cameron. 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.

5. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0	1150 TVD	FW Gel	8.5-9.0	28-34	N/C
1150	5,000 TVD	Saturated Brine	10.0-11.0	28-34	N/C
5,000 TVD	TD	Cut Brine	8.5-9.3	28-34	N/C

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

6. Logging and Testing Procedures

Logging, Coring and Testing.	
X	Will run GR/CNL from TD 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
X	Mud log	KOP to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	4720 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.	
N	H2S is present
Y	H2S Plan attached

8. Other facets of operation

Is this a walking operation? No.
Will be pre-setting casing? No.

Attachments
_x_ Directional Plan
___ Other, describe

Devon Energy

Lea Co., NM (Nad83 - East Zone)
Flagler 8 Fed
#20H
OH

Plan: Plan #1

Standard Plan With Toolface

16 September, 2019

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Project Lea Co., NM (Nad83 - East Zone)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Flagler 8 Fed

Site Position:		**Northing:**	414,851.30 usft	**Latitude:**	32.138349
From:	Lat/Long	**Easting:**	769,983.95 usft	**Longitude:**	-103.594633
Position Uncertainty:	0.00 usft	**Slot Radius:**	13.200 in	**Grid Convergence:**	0.393 °

Well #20H

Well Position	**+N/-S**	0.00 usft	**Northing:**	415,051.86 usft	**Latitude:**	32.138899
	+E/-W	0.00 usft	**Easting:**	770,072.58 usft	**Longitude:**	-103.594343
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,446.00 usft

Wellbore OH

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2015	9/13/2019	6.715	59.951	47,654.82372689

Design Plan #1

Audit Notes:

Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	359.66

Survey Tool Program **Date** 9/16/2019

From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
0.00	16,112.41	Plan #1 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM

devon

Wellbenders

Standard Plan With Toolface

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
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Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
1,900.00	1.00	111.94	1,899.99	-0.33	0.81	-0.33	1.00	1.00	0.00	111.943
2,000.00	2.00	111.94	1,999.96	-1.30	3.24	-1.32	1.00	1.00	0.00	0.000
2,100.00	3.00	111.94	2,099.86	-2.93	7.28	-2.98	1.00	1.00	0.00	0.000
2,200.00	4.00	111.94	2,199.68	-5.22	12.95	-5.29	1.00	1.00	0.00	0.000
2,300.00	5.00	111.94	2,299.37	-8.15	20.22	-8.27	1.00	1.00	0.00	0.000
2,400.00	6.00	111.94	2,398.90	-11.73	29.11	-11.90	1.00	1.00	0.00	0.000
2,500.00	7.00	111.94	2,498.26	-15.96	39.61	-16.19	1.00	1.00	0.00	0.000
2,600.00	8.00	111.94	2,597.40	-20.84	51.72	-21.14	1.00	1.00	0.00	0.000

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
2,700.00	9.00	111.94	2,696.30	-26.36	65.43	-26.75	1.00	1.00	0.00	0.000
2,800.44	10.00	111.94	2,795.36	-32.56	80.81	-33.03	1.00	1.00	0.00	0.000
2,900.00	10.00	111.94	2,893.41	-39.02	96.85	-39.59	0.00	0.00	0.00	0.000
3,000.00	10.00	111.94	2,991.89	-45.51	112.97	-46.18	0.00	0.00	0.00	0.000
3,100.00	10.00	111.94	3,090.37	-52.00	129.08	-52.77	0.00	0.00	0.00	0.000
3,200.00	10.00	111.94	3,188.85	-58.49	145.19	-59.35	0.00	0.00	0.00	0.000
3,300.00	10.00	111.94	3,287.33	-64.99	161.31	-65.94	0.00	0.00	0.00	0.000
3,400.00	10.00	111.94	3,385.81	-71.48	177.42	-72.53	0.00	0.00	0.00	0.000
3,500.00	10.00	111.94	3,484.29	-77.97	193.54	-79.12	0.00	0.00	0.00	0.000
3,600.00	10.00	111.94	3,582.77	-84.46	209.65	-85.70	0.00	0.00	0.00	0.000
3,700.00	10.00	111.94	3,681.25	-90.95	225.76	-92.29	0.00	0.00	0.00	0.000
3,800.00	10.00	111.94	3,779.73	-97.44	241.88	-98.88	0.00	0.00	0.00	0.000
3,900.00	10.00	111.94	3,878.20	-103.94	257.99	-105.46	0.00	0.00	0.00	0.000
4,000.00	10.00	111.94	3,976.68	-110.43	274.11	-112.05	0.00	0.00	0.00	0.000
4,100.00	10.00	111.94	4,075.16	-116.92	290.22	-118.64	0.00	0.00	0.00	0.000
4,200.00	10.00	111.94	4,173.64	-123.41	306.33	-125.23	0.00	0.00	0.00	0.000
4,300.00	10.00	111.94	4,272.12	-129.90	322.45	-131.81	0.00	0.00	0.00	0.000
4,400.00	10.00	111.94	4,370.60	-136.39	338.56	-138.40	0.00	0.00	0.00	0.000
4,500.00	10.00	111.94	4,469.08	-142.89	354.67	-144.99	0.00	0.00	0.00	0.000
4,600.00	10.00	111.94	4,567.56	-149.38	370.79	-151.58	0.00	0.00	0.00	0.000
4,700.00	10.00	111.94	4,666.04	-155.87	386.90	-158.16	0.00	0.00	0.00	0.000
4,800.00	10.00	111.94	4,764.52	-162.36	403.02	-164.75	0.00	0.00	0.00	0.000
4,900.00	10.00	111.94	4,863.00	-168.85	419.13	-171.34	0.00	0.00	0.00	0.000
5,000.00	10.00	111.94	4,961.48	-175.34	435.24	-177.92	0.00	0.00	0.00	0.000
5,100.00	10.00	111.94	5,059.96	-181.84	451.36	-184.51	0.00	0.00	0.00	0.000
5,200.00	10.00	111.94	5,158.44	-188.33	467.47	-191.10	0.00	0.00	0.00	0.000
5,300.00	10.00	111.94	5,256.92	-194.82	483.59	-197.69	0.00	0.00	0.00	0.000

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
5,400.00	10.00	111.94	5,355.40	-201.31	499.70	-204.27	0.00	0.00	0.00	0.000
5,500.00	10.00	111.94	5,453.88	-207.80	515.81	-210.86	0.00	0.00	0.00	0.000
5,600.00	10.00	111.94	5,552.36	-214.29	531.93	-217.45	0.00	0.00	0.00	0.000
5,700.00	10.00	111.94	5,650.83	-220.79	548.04	-224.03	0.00	0.00	0.00	0.000
5,800.00	10.00	111.94	5,749.31	-227.28	564.15	-230.62	0.00	0.00	0.00	0.000
5,900.00	10.00	111.94	5,847.79	-233.77	580.27	-237.21	0.00	0.00	0.00	0.000
6,000.00	10.00	111.94	5,946.27	-240.26	596.38	-243.80	0.00	0.00	0.00	0.000
6,100.00	10.00	111.94	6,044.75	-246.75	612.50	-250.38	0.00	0.00	0.00	0.000
6,200.00	10.00	111.94	6,143.23	-253.24	628.61	-256.97	0.00	0.00	0.00	0.000
6,300.00	10.00	111.94	6,241.71	-259.74	644.72	-263.56	0.00	0.00	0.00	0.000
6,400.00	10.00	111.94	6,340.19	-266.23	660.84	-270.14	0.00	0.00	0.00	0.000
6,500.00	10.00	111.94	6,438.67	-272.72	676.95	-276.73	0.00	0.00	0.00	0.000
6,600.00	10.00	111.94	6,537.15	-279.21	693.07	-283.32	0.00	0.00	0.00	0.000
6,700.00	10.00	111.94	6,635.63	-285.70	709.18	-289.91	0.00	0.00	0.00	0.000
6,800.00	10.00	111.94	6,734.11	-292.19	725.29	-296.49	0.00	0.00	0.00	0.000
6,817.59	10.00	111.94	6,751.43	-293.34	728.13	-297.65	0.00	0.00	0.00	0.000
6,900.00	8.77	111.94	6,832.74	-298.36	740.59	-302.75	1.50	-1.50	0.00	180.000
7,000.00	7.27	111.94	6,931.76	-303.57	753.53	-308.04	1.50	-1.50	0.00	180.000
7,100.00	5.77	111.94	7,031.11	-307.81	764.06	-312.34	1.50	-1.50	0.00	180.000
7,200.00	4.27	111.94	7,130.72	-311.08	772.17	-315.66	1.50	-1.50	0.00	180.000
7,300.00	2.77	111.94	7,230.53	-313.37	777.87	-317.98	1.50	-1.50	0.00	180.000
7,400.00	1.27	111.94	7,330.46	-314.69	781.13	-319.32	1.50	-1.50	0.00	180.000
7,484.54	0.00	0.00	7,415.00	-315.04	782.00	-319.67	1.50	-1.50	0.00	-180.000
7,500.00	0.00	0.00	7,430.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
7,600.00	0.00	0.00	7,530.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
7,700.00	0.00	0.00	7,630.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
7,800.00	0.00	0.00	7,730.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
7,900.00	0.00	0.00	7,830.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,000.00	0.00	0.00	7,930.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,100.00	0.00	0.00	8,030.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,200.00	0.00	0.00	8,130.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,300.00	0.00	0.00	8,230.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,400.00	0.00	0.00	8,330.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,500.00	0.00	0.00	8,430.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,600.00	0.00	0.00	8,530.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,700.00	0.00	0.00	8,630.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,800.00	0.00	0.00	8,730.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
8,900.00	0.00	0.00	8,830.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,000.00	0.00	0.00	8,930.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,100.00	0.00	0.00	9,030.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,200.00	0.00	0.00	9,130.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,300.00	0.00	0.00	9,230.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,400.00	0.00	0.00	9,330.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,500.00	0.00	0.00	9,430.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,600.00	0.00	0.00	9,530.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,700.00	0.00	0.00	9,630.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,800.00	0.00	0.00	9,730.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
9,900.00	0.00	0.00	9,830.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,000.00	0.00	0.00	9,930.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,100.00	0.00	0.00	10,030.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,200.00	0.00	0.00	10,130.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,300.00	0.00	0.00	10,230.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,400.00	0.00	0.00	10,330.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,500.00	0.00	0.00	10,430.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
10,600.00	0.00	0.00	10,530.46	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,640.08	0.00	0.00	10,570.54	-315.04	782.00	-319.67	0.00	0.00	0.00	0.000
10,650.00	1.19	359.66	10,580.46	-314.94	782.00	-319.57	12.00	12.00	0.00	359.660
10,675.00	4.19	359.66	10,605.43	-313.76	781.99	-318.40	12.00	12.00	0.00	0.000
10,700.00	7.19	359.66	10,630.30	-311.28	781.98	-315.92	12.00	12.00	0.00	0.000
10,725.00	10.19	359.66	10,655.01	-307.51	781.96	-312.14	12.00	12.00	0.00	0.000
10,750.00	13.19	359.66	10,679.49	-302.44	781.93	-307.08	12.00	12.00	0.00	0.000
10,775.00	16.19	359.66	10,703.67	-296.10	781.89	-300.74	12.00	12.00	0.00	0.000
10,800.00	19.19	359.66	10,727.48	-288.51	781.84	-293.14	12.00	12.00	0.00	0.000
10,825.00	22.19	359.66	10,750.87	-279.68	781.79	-284.31	12.00	12.00	0.00	0.000
10,850.00	25.19	359.66	10,773.76	-269.63	781.73	-274.27	12.00	12.00	0.00	0.000
10,875.00	28.19	359.66	10,796.09	-258.40	781.66	-263.04	12.00	12.00	0.00	0.000
10,900.00	31.19	359.66	10,817.81	-246.02	781.59	-250.66	12.00	12.00	0.00	0.000
10,925.00	34.19	359.66	10,838.85	-232.52	781.51	-237.16	12.00	12.00	0.00	0.000
10,950.00	37.19	359.66	10,859.15	-217.94	781.42	-222.57	12.00	12.00	0.00	0.000
10,975.00	40.19	359.66	10,878.66	-202.31	781.33	-206.95	12.00	12.00	0.00	0.000
11,000.00	43.19	359.66	10,897.33	-185.69	781.23	-190.32	12.00	12.00	0.00	0.000
11,025.00	46.19	359.66	10,915.10	-168.11	781.13	-172.74	12.00	12.00	0.00	0.000
11,050.00	49.19	359.66	10,931.92	-149.62	781.02	-154.25	12.00	12.00	0.00	0.000
11,075.00	52.19	359.66	10,947.76	-130.28	780.90	-134.91	12.00	12.00	0.00	0.000
11,100.00	55.19	359.66	10,962.56	-110.14	780.78	-114.77	12.00	12.00	0.00	0.000
11,125.00	58.19	359.66	10,976.29	-89.25	780.66	-93.88	12.00	12.00	0.00	0.000
11,150.00	61.19	359.66	10,988.90	-67.67	780.53	-72.30	12.00	12.00	0.00	0.000
11,175.00	64.19	359.66	11,000.37	-45.46	780.40	-50.09	12.00	12.00	0.00	0.000
11,200.00	67.19	359.66	11,010.66	-22.68	780.27	-27.31	12.00	12.00	0.00	0.000
11,225.00	70.19	359.66	11,019.75	0.61	780.13	-4.02	12.00	12.00	0.00	0.000
11,250.00	73.19	359.66	11,027.60	24.34	779.99	19.71	12.00	12.00	0.00	0.000

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
11,275.00	76.19	359.66	11,034.20	48.45	779.84	43.82	12.00	12.00	0.00	0.000
11,300.00	79.19	359.66	11,039.53	72.87	779.70	68.25	12.00	12.00	0.00	0.000
11,325.00	82.19	359.66	11,043.57	97.54	779.55	92.91	12.00	12.00	0.00	0.000
11,350.00	85.19	359.66	11,046.32	122.39	779.40	117.76	12.00	12.00	0.00	0.000
11,375.00	88.19	359.66	11,047.76	147.34	779.26	142.71	12.00	12.00	0.00	0.000
11,390.08	90.00	359.66	11,048.00	162.42	779.17	157.79	12.00	12.00	0.00	0.000
11,400.00	90.00	359.66	11,048.00	172.34	779.11	167.71	0.00	0.00	0.00	0.000
11,500.00	90.00	359.66	11,048.00	272.34	778.52	267.71	0.00	0.00	0.00	0.000
11,600.00	90.00	359.66	11,048.00	372.33	777.92	367.71	0.00	0.00	0.00	0.000
11,700.00	90.00	359.66	11,048.00	472.33	777.33	467.71	0.00	0.00	0.00	0.000
11,800.00	90.00	359.66	11,048.00	572.33	776.74	567.71	0.00	0.00	0.00	0.000
11,900.00	90.00	359.66	11,048.00	672.33	776.14	667.71	0.00	0.00	0.00	0.000
12,000.00	90.00	359.66	11,048.00	772.33	775.55	767.71	0.00	0.00	0.00	0.000
12,100.00	90.00	359.66	11,048.00	872.33	774.96	867.71	0.00	0.00	0.00	0.000
12,200.00	90.00	359.66	11,048.00	972.32	774.36	967.71	0.00	0.00	0.00	0.000
12,300.00	90.00	359.66	11,048.00	1,072.32	773.77	1,067.71	0.00	0.00	0.00	0.000
12,400.00	90.00	359.66	11,048.00	1,172.32	773.18	1,167.71	0.00	0.00	0.00	0.000
12,500.00	90.00	359.66	11,048.00	1,272.32	772.58	1,267.71	0.00	0.00	0.00	0.000
12,600.00	90.00	359.66	11,048.00	1,372.32	771.99	1,367.71	0.00	0.00	0.00	0.000
12,700.00	90.00	359.66	11,048.00	1,472.32	771.40	1,467.71	0.00	0.00	0.00	0.000
12,800.00	90.00	359.66	11,048.00	1,572.31	770.80	1,567.71	0.00	0.00	0.00	0.000
12,900.00	90.00	359.66	11,048.00	1,672.31	770.21	1,667.71	0.00	0.00	0.00	0.000
13,000.00	90.00	359.66	11,048.00	1,772.31	769.62	1,767.71	0.00	0.00	0.00	0.000
13,100.00	90.00	359.66	11,048.00	1,872.31	769.02	1,867.71	0.00	0.00	0.00	0.000
13,200.00	90.00	359.66	11,048.00	1,972.31	768.43	1,967.71	0.00	0.00	0.00	0.000
13,300.00	90.00	359.66	11,048.00	2,072.30	767.84	2,067.71	0.00	0.00	0.00	0.000
13,400.00	90.00	359.66	11,048.00	2,172.30	767.24	2,167.71	0.00	0.00	0.00	0.000

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
13,500.00	90.00	359.66	11,048.00	2,272.30	766.65	2,267.71	0.00	0.00	0.00	0.000
13,600.00	90.00	359.66	11,048.00	2,372.30	766.06	2,367.71	0.00	0.00	0.00	0.000
13,700.00	90.00	359.66	11,048.00	2,472.30	765.46	2,467.71	0.00	0.00	0.00	0.000
13,800.00	90.00	359.66	11,048.00	2,572.30	764.87	2,567.71	0.00	0.00	0.00	0.000
13,900.00	90.00	359.66	11,048.00	2,672.29	764.28	2,667.71	0.00	0.00	0.00	0.000
14,000.00	90.00	359.66	11,048.00	2,772.29	763.68	2,767.71	0.00	0.00	0.00	0.000
14,100.00	90.00	359.66	11,048.00	2,872.29	763.09	2,867.71	0.00	0.00	0.00	0.000
14,200.00	90.00	359.66	11,048.00	2,972.29	762.50	2,967.71	0.00	0.00	0.00	0.000
14,300.00	90.00	359.66	11,048.00	3,072.29	761.90	3,067.71	0.00	0.00	0.00	0.000
14,400.00	90.00	359.66	11,048.00	3,172.29	761.31	3,167.71	0.00	0.00	0.00	0.000
14,500.00	90.00	359.66	11,048.00	3,272.28	760.72	3,267.71	0.00	0.00	0.00	0.000
14,600.00	90.00	359.66	11,048.00	3,372.28	760.12	3,367.71	0.00	0.00	0.00	0.000
14,700.00	90.00	359.66	11,048.00	3,472.28	759.53	3,467.71	0.00	0.00	0.00	0.000
14,800.00	90.00	359.66	11,048.00	3,572.28	758.94	3,567.71	0.00	0.00	0.00	0.000
14,900.00	90.00	359.66	11,048.00	3,672.28	758.35	3,667.71	0.00	0.00	0.00	0.000
15,000.00	90.00	359.66	11,048.00	3,772.27	757.75	3,767.71	0.00	0.00	0.00	0.000
15,100.00	90.00	359.66	11,048.00	3,872.27	757.16	3,867.71	0.00	0.00	0.00	0.000
15,200.00	90.00	359.66	11,048.00	3,972.27	756.57	3,967.71	0.00	0.00	0.00	0.000
15,300.00	90.00	359.66	11,048.00	4,072.27	755.97	4,067.71	0.00	0.00	0.00	0.000
15,400.00	90.00	359.66	11,048.00	4,172.27	755.38	4,167.71	0.00	0.00	0.00	0.000
15,500.00	90.00	359.66	11,048.00	4,272.27	754.79	4,267.71	0.00	0.00	0.00	0.000
15,600.00	90.00	359.66	11,048.00	4,372.26	754.19	4,367.71	0.00	0.00	0.00	0.000
15,700.00	90.00	359.66	11,048.00	4,472.26	753.60	4,467.71	0.00	0.00	0.00	0.000
15,802.71	90.00	359.66	11,048.00	4,574.97	752.99	4,570.42	0.00	0.00	0.00	0.000
15,900.00	90.00	359.66	11,048.00	4,672.26	752.41	4,667.71	0.00	0.00	0.00	0.000
16,000.00	90.00	359.66	11,048.00	4,772.26	751.82	4,767.71	0.00	0.00	0.00	0.000
16,100.00	90.00	359.66	11,048.00	4,872.26	751.23	4,867.71	0.00	0.00	0.00	0.000

Company:	Devon Energy	**Local Co-ordinate Reference:**	Well #20H
Project:	Lea Co., NM (Nad83 - East Zone)	**TVD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Site:	Flagler 8 Fed	**MD Reference:**	RKB=30' @ 3476.00usft (Cactus 108)
Well:	#20H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
16,112.71	90.00	359.66	11,048.00	4,884.96	751.15	4,880.42	0.00	0.00	0.00	0.000

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
9,619.54	9,550.00	Leonard B			
9,893.54	9,824.00	Leonard C			
4,999.51	4,961.00	Delaware			
1,306.00	1,306.00	Top of Salt			
10,774.30	10,703.00	2BSSS			
1,016.00	1,016.00	Rustler			
10,423.54	10,354.00	2BSLM			
9,303.54	9,234.00	Leonard A			
9,685.54	9,616.00	Leonard B TZT			
9,235.54	9,166.00	1st BSPG Lime			
10,174.54	10,105.00	1BSSS			
9,737.54	9,668.00	Leonard B TZB			
11,274.17	11,034.00	2BSSS TZT			

Checked By: _____ Approved By: _____ Date: _____

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

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

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-45003	96392	DRAPER MILL;BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
~~30884~~ 324149	FLAGLER 8 FEDERAL	20H

[7] OGRID No.	[8] Operator Name	[9] Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3446.0

[10] Surface Location

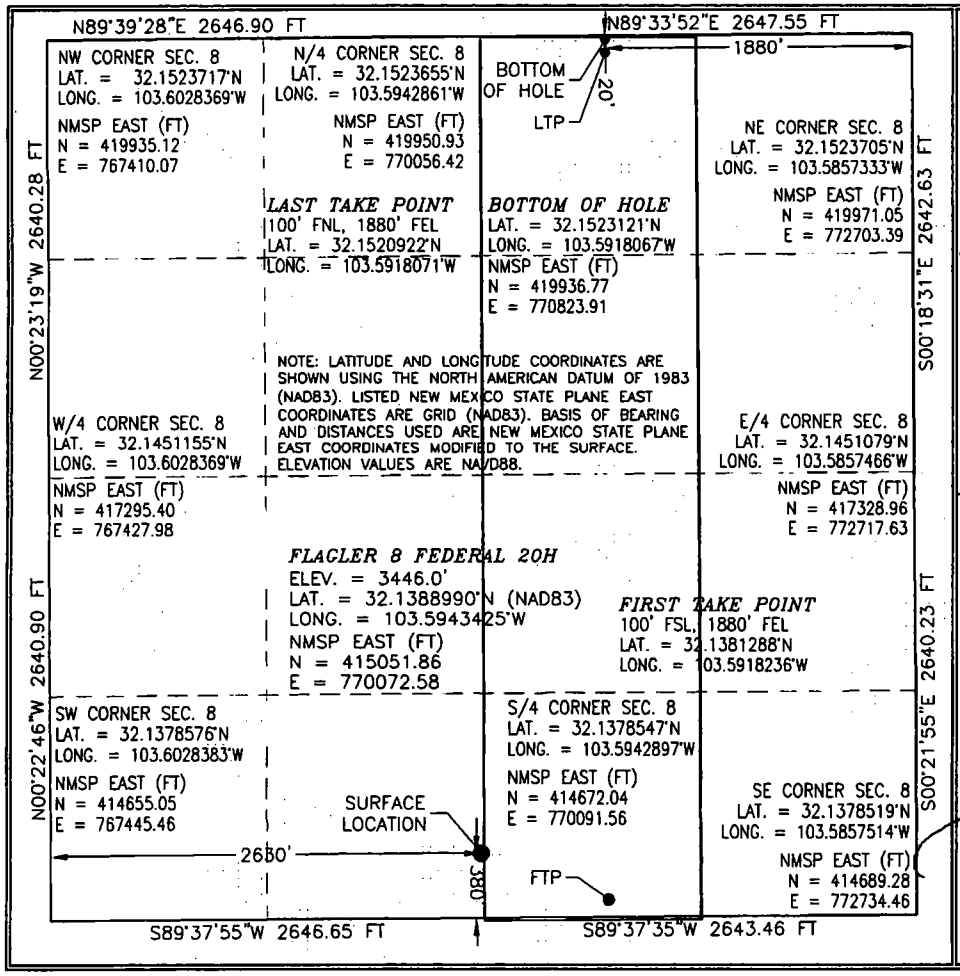
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	8	25 S	33 E		380	SOUTH	2630	WEST	LEA

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	8	25 S	33 E		20	NORTH	1880	EAST	LEA

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

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



[17] 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.

Rebecca Deal 10/2/2019
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

[18] 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.

SEPTEMBER 19, 2019
Date of Survey

Signature and Seal of Professional Surveyor:
Certificate Number: GILMON F. JARAMILLO, PLS 12797
SURVEY NO. 5827C

Intent [x] As Drilled [ ]

API #

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION COMPANY, L.P.	FLAGLER 8 FEDERAL	20H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	8	25S	33E		50	FSL	1880	FEL	LEA

Latitude	Longitude	NAD
32.137977	-103.59183	83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	8	25S	33E		100	SOUTH	1880	EAST	LEA

Latitude	Longitude	NAD
32.1381288	103.5918236	83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	8	25S	33E		100	NORTH	1880	EAST	LEA

Latitude	Longitude	NAD
32.1520922	103.5918071	83

Is this well the defining well for the Horizontal Spacing Unit? [Y]

Is this well an infill well? [ ]

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018