

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Type of Submission: Notice of Intent	Type of Action APD Change
Date Sundry Submitted: 02/26/2021	Time Sundry Submitted: 08:38
Date proposed operation will begin: 01/20/2021	

Procedure Description: SHL & BHL Sundry extending lateral - SHL - From 2467 FNL & 1704 FEL to 2467 FNL & 1734 FEL, 15-26S-34E. BHL - From 20 FNL & 1660 FEL, 10-26S-34E to 20 FNL & 2306 FEL, 3-26S-34E. TVD/MD from 12,760'/20,320' to 13,060'/25,996'. Updated casing/cmt plan. Name change from Blondie 15-10 Fed Com 6H to Blondie 15-3 Fed Com 6H. See attached revised drilling plan, directional and C-102.

Application

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Section 1 - General

APD ID: 10400047531	Tie to previous NOS? N	Submission Date: 09/18/2019
BLM Office: CARLSBAD	User: Rebecca Deal	Title: Regulatory Compliance Professional
Federal/Indian APD: FED	Is the first lease penetrated for production Federal or Indian? FED	
Lease number: NMNM94118	Lease Acres:	
Surface access agreement in place?	Allotted?	Reservation:
Agreement in place? NO	Federal or Indian agreement:	
Agreement number:		
Agreement name:		
Keep application confidential? Y		
Permitting Agent? NO	APD Operator: DEVON ENERGY PRODUCTION COMPANY LP	
Operator letter of designation:		

Operator Info

Operator Organization Name: DEVON ENERGY PRODUCTION COMPANY LP		
Operator Address: 333 WEST SHERIDAN AVE		Zip: 73102
Operator PO Box:		
Operator City: OKLAHOMA CITY	State: OK	
Operator Phone: (405)235-3611		
Operator Internet Address:		

Section 2 - Well Information

Well in Master Development Plan? NO	Master Development Plan name:	
Well in Master SUPO? NO	Master SUPO name:	
Well in Master Drilling Plan? NO	Master Drilling Plan name:	
Well Name: BLONDIE 15-3 FED COM	Well Number: 6H	Well API Number: 3002547006
Field/Pool or Exploratory? Field and Pool	Field Name: LIVINGSTON RIDGE	Pool Name: BONE SPRING
Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL		
Is the proposed well in a Helium production area? N	Use Existing Well Pad? N	New surface disturbance?
Type of Well Pad: MULTIPLE WELL	Multiple Well Pad Name: Blondie 15 Wellpad	Number: 4
Well Class: HORIZONTAL	Number of Legs: 1	
Well Work Type: Drill		
Well Type: OIL WELL		

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Allottee or Tribe Name:

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Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town:Distance to nearest well: 1424 FTDistance to lease line: 173 FT

Reservoir well spacing assigned acres Measurement: 800 Acres

Well plat: BLONDIE_15_3_FED_COM_6H_C_102_BHL_NOI_20210121095149.pdf

Well work start Date: 07/31/2020Duration: 45 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83Vertical Datum: NAVD88

Survey number:Reference Datum: GROUND LEVEL

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
SHL Leg #1	2467	FNL	1734	FEL	26S	34E	15	Aliquot SWNE	32.043925	-103.454849	LEA	NEW MEXICO	NEW MEXICO	F	NMNM94118	3272	0	0	Y
KOP Leg #1	2584	FNL	2418	FEL	26S	34E	15	Aliquot SWNE	32.0435	-103.4571	LEA	NEW MEXICO	NEW MEXICO	F	NMNM94118	-9215	12545	12487	Y
PPP Leg #1-1	2547	FNL	2306	FEL	26S	34E	15	Aliquot SWNE	32.043709	-103.456694	LEA	NEW MEXICO	NEW MEXICO	F	NMNM94118	-9313	12644	12585	Y
PPP Leg #1-2	1444	FSL	2383	FEL	26S	34E	10	Aliquot NWSE	32.054587	-103.4570339	LEA	NEW MEXICO	NEW MEXICO	F	NMNM137463	-9788	16900	13060	Y

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Well Number: 6H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM94118

Unit or CA Name:

Unit or CA Number:

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Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
EXIT Leg #1	100	FNL	2306	FEL	26S	34E	3	Aliquot NWNE	32.079462	-103.456712	LEA	NEW MEXICO	NEW MEXICO	F	NMNM66927	-9788	25916	13060	Y
BHL Leg #1	20	FNL	2306	FEL	26S	34E	3	Aliquot NWNE	32.079682	-103.456712	LEA	NEW MEXICO	NEW MEXICO	F	NMNM66927	-9788	25996	13060	Y

Drilling Plan

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1503248	---	3277	0	0	OTHER : SURFACE	NONE	N
1503249	RUSTLER	2342	935	935	SANDSTONE	NONE	N
1503250	SALADO	1942	1335	1335	SALT	NONE	N
1503237	BASE OF SALT	-1858	5135	5135	ANHYDRITE	NATURAL GAS, OIL	N
1503238	BELL CANYON	-2058	5335	5335	SANDSTONE	NATURAL GAS, OIL	N
1503239	CHERRY CANYON	-3108	6385	6385	SANDSTONE	NATURAL GAS, OIL	N
1503240	BRUSHY CANYON	-4808	8085	8085	SANDSTONE	NATURAL GAS, OIL	N
1503241	BONE SPRING	-6185	9462	9462	SHALE	NATURAL GAS, OIL	N
1503247	FIRST BONE SPRING SAND	-7183	10460	10460	SANDSTONE	NATURAL GAS, OIL	N
1503243	BONE SPRING 2ND	-7758	11035	11035	SANDSTONE	NATURAL GAS, OIL	N
1503244	BONE SPRING 3RD	-8858	12135	12135	LIMESTONE	NATURAL GAS, OIL	N
1503245	WOLFCAMP	-9308	12585	12585	SHALE	NATURAL GAS, OIL	Y
1503246	PENN	-12008	15285	15285	SHALE	NATURAL GAS, OIL	N

Section 2 - Blowout Prevention

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Well Number: 6H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM94118

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002547006

Well Status: Approved Application for Permit to Drill

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Pressure Rating (PSI): 10M

Rating Depth: 13060

Equipment: BOP/BOPE will be installed per Onshore Oil & Gas Order #2 requirements prior to drilling below intermediate casing, a 13-5/8" BOP/BOPE system with a minimum rating of 10M will be installed on the wellhead system. BOP/BOPE will be tested by an independent service company per Onshore Oil & Gas Order #2 requirements and MASP (Maximum Anticipated Surface Pressure) calculations. If the system is upgraded, all the components installed will be functional and tested.

Requesting Variance? YES

Variance request: A variance is requested for the use of a flexible choke line from the BOP stack to the choke manifold. See attached for specs for hydrostatic test chart. Devon requests a variance to run a 5M annular on a 10M BOP system. See separately attached variance request and support documents in AFMSS.

Testing Procedure: 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. 5M annular on 10M system will be tested to 100% of rated working pressure.

Choke Diagram Attachment:

- 10M_BOPE_CHK_DR_CLS_RKL_20190916093244.pdf
- Annular_Variance___Preventer_Summary_20210121101145.pdf

BOP Diagram Attachment:

- MB_Verb_10M_20210121101155.pdf
- MB_Wellhd_10M_13.375_8.625_5.5_20210121101225.PDF

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type
1	SURFACE	17.5	13.375	NEW	API	N	0	960	0	960	3271	2311	960	H-40	48	ST&C	1.125	1	BUOY	1.6	BUOY
2	INTERMEDIATE	9.875	8.625	NEW	API	N	0	12135	0	12135	3576	-8864	12135	P-110	32	OTHER - TLW	1.125	1	BUOY	1.6	BUOY
3	PRODUCTION	7.875	5.5	NEW	API	N	0	25996	0	13060	3576	-9789	25996	P-110	17	OTHER - BTC	1.125	1	BUOY	1.6	BUOY

Casing Attachments

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Casing Attachments

Casing ID: 1	String Type: SURFACE
Inspection Document:	
Spec Document:	
Tapered String Spec:	
Casing Design Assumptions and Worksheet(s):	
Surf_Csg_Ass_20190730113310.pdf	
13.375_48lb_H40_20210121101346.pdf	

Casing ID: 2	String Type: INTERMEDIATE
Inspection Document:	
Spec Document:	
Tapered String Spec:	
Casing Design Assumptions and Worksheet(s):	
Int_Csg_Ass_20190730113522.pdf	
8.625_32lb_P110HSCY_TLW_20210121101420.PDF	

Casing ID: 3	String Type: PRODUCTION
Inspection Document:	
Spec Document:	
Tapered String Spec:	
Casing Design Assumptions and Worksheet(s):	
Prod_Csg_Ass_20190730113701.pdf	
5.5_17lb_P110_BTC_20210121101455.pdf	

Section 4 - Cement

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Well Number: 6H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM94118

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002547006

Well Status: Approved Application for Permit to Drill

Operator: DEVON ENERGY PRODUCTION COMPANY LP

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	960	733	1.44	13.2	1055.8	50	C	Class C + adds

INTERMEDIATE	Lead		0	8135	500	3.27	9	1633.4	30	C	Class C + adds
INTERMEDIATE	Tail		8135	12135	465.3	1.44	13.2	670.1	30	C	Class C + adds
PRODUCTION	Lead		10545	12545	117	3.27	9	381.2	25	TUNED	Class C + adds
PRODUCTION	Tail		12545	25996	1780	1.44	13.2	2563.5	25	H	(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

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

Describe the mud monitoring system utilized: PVT/Pason/Visual Monitoring

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	960	WATER-BASED MUD	8.5	9				2			
960	12135	SALT SATURATED	10	10.5				2			
12135	25996	OIL-BASED MUD	10	10.5				12			

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Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Will run GRMWD from TD to from KOP. Cement bond logs will be run in vertical to determine top of cement. Stated logs run will be in the Completion Report and submitted to the BLM.

List of open and cased hole logs run in the well:

CALIPER,CEMENT BOND LOG,DIRECTIONAL SURVEY,GAMMA RAY LOG,MUD LOG/GEOLOGICAL LITHOLOGY LOG,

Coring operation description for the well:

N/A

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 7131 Anticipated Surface Pressure: 4257

Anticipated Bottom Hole Temperature(F): 183

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

Blondie_15_10_Fed_Com_6H_20190917093158.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Blondie_15_3_Fed_Com_6H_20210121101934.pdf

Blondie_15_3_Fed_Com_6H_Directional_Plan_01_12_21_20210121101934.pdf

Other proposed operations facets description:

DIRECTIONAL SURVEY

PLOT

DRILLING PLAN

SPEC SHEETS

MB WELLHEAD

MB VERBIAGE

CLOSED LOOP DOC

SPUDDER RIG REQUEST

GAS CAPTURE PLAN

ANNULAR VARIANCE REQUEST DOC

COFLEX DOC

Other proposed operations facets attachment:

Clsd_Loop_20190730115304.pdf

Spudder_Rig_Info_20190730115304.pdf

Blondie_15_10_WP4_GCP_20190917093248.pdf

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Lease Number: NMNM94118

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Other Variance attachment:

Co_flex_20190730115411.pdf

SUPO

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

Blondie_15_10_Fed_Com_6H_ACCESS_RD_20190917093512.pdf

Existing Road Purpose: ACCESS,FLUID TRANSPORT

Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? YES

Existing Road Improvement Description: Improve road to accommodate Drilling and Completion operations.

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

7640247R_BLONDIE_15_WP_4_ACC_P_R1_20190917084431.pdf

7640244R_BLONDIE_15_PRIMARY_ACC_P_20190916113901.pdf

7640249R_BLONDIE_15_CTB_3_ACC_P_20190916113900.pdf

Blondie_15_10_Fed_Com_6H_NEW_ACCESS_RD_20190917093535.pdf

New road type: COLLECTOR,RESOURCE

Length: 8359 Feet Width (ft.): 30

Max slope (%): 6 Max grade (%): 4

Army Corp of Engineers (ACOE) permit required? N

ACOE Permit Number(s):

New road travel width: 20

New road access erosion control: N/A

New road access plan or profile prepared? Y

New road access plan attachment:

ACCESS_RD_PLAT_PG_20190816121636.pdf

Access road engineering design? Y

Access road engineering design attachment:

ACCESS_RD_PLAT_PG_20190816121644.pdf

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Turnout? N

Access surfacing type: OTHER

Access topsoil source: ONSITE

Access surfacing type description: CALICHE

Access onsite topsoil source depth: 6

Offsite topsoil source description:

Onsite topsoil removal process: See attached Interim reclamation diagram

Access other construction information:

Access miscellaneous information:

Number of access turnouts:

Access turnout map:

Drainage Control

New road drainage crossing: CULVERT

Drainage Control comments: N/A

Road Drainage Control Structures (DCS) description: N/A

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

OneMileBuffer_WA017811322_20190917093558.pdf

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description: 6 ATTACHMENTS - WELLPAD PLAT, CTB PLAT, ELECTRIC PLATS (3), FLOWLINE PLAT. GAS, WATER, AND CRUDE HANDLED BY ROW OR THIRD PARTIES

Production Facilities map:

- AA000267617_BLONDIE_15_CTB_3_P_20190916135200.pdf
- EL8339_BLONDIE_15_PRIMARY_EL_P_20190916135201.pdf
- EL8344_BLONDIE_15_CTB_3_EL_P_20190916135201.pdf
- AA000267612_BLONDIE_15_WP_4_P_20190917084612.pdf
- EL8342_BLONDIE_15_WP_4_EL_P_20190917084613.pdf
- 7640242F_BLONDIE_15_WP_4_TO_CTB_3_FL_P_20190917084614.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

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Water source type: RECYCLED	
Water source use type:	STIMULATION
Source latitude:	Source longitude:
Source datum:	
Water source permit type:	OTHER
Water source transport method:	PIPELINE TRUCKING
Source land ownership: FEDERAL	
Source transportation land ownership: FEDERAL	
Water source volume (barrels): 375000	Source volume (acre-feet): 48.33491112
Source volume (gal): 15750000	

Water source and transportation map:
BLONDIE_15_10_FED_COM_6H_7H_11H_20190917085134.pdf

Water source comments: The attached Water Transfer Map is a proposal only and the final route and documentation will be provided by a Devon contractor prior to installation. When available Devon will always follow existing disturbance.
New water well? N

New Water Well Info

Well latitude:	Well Longitude:	Well datum:
Well target aquifer:		
Est. depth to top of aquifer(ft):	Est thickness of aquifer:	
Aquifer comments:		
Aquifer documentation:		
Well depth (ft):	Well casing type:	
Well casing outside diameter (in.):	Well casing inside diameter (in.):	
New water well casing?	Used casing source:	
Drilling method:	Drill material:	
Grout material:	Grout depth:	
Casing length (ft.):	Casing top depth (ft.):	
Well Production type:	Completion Method:	
Water well additional information:		
State appropriation permit:		
Additional information attachment:		

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Section 6 - Construction Materials

Using any construction materials: YES

Construction Materials description: Dirt fill and caliche will be used to construct well pad. See attached map

Construction Materials source location attachment:

Blondie_15_WP_4_Caliche_Map_20190918085343.pdf

Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Drill Cuttings

Amount of waste: 1707.9 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY Disposal location ownership: COMMERCIAL

Disposal type description:

Disposal location description: All cuttings will disposed of at R360, Sundance, or equivalent.

Waste type: COMPLETIONS/STIMULATION

Waste content description: Flow back water during completion operations.

Amount of waste: 3000 barrels

Waste disposal frequency : One Time Only

Safe containment description: N/A

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY Disposal location ownership: COMMERCIAL

Disposal type description:

Disposal location description: Various disposal locations in Lea and Eddy counties.

Waste type: FLOWBACK

Waste content description: Average produced BWPD over the flowback period (first 30 days of production).

Amount of waste: 6900 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

Safe containmant attachment:

Waste disposal type: OFF-LEASE INJECTION Disposal location ownership: STATE

Disposal type description:

Disposal location description: Produced water will be primarily disposed of at our Rattlesnake 16 SWD. Portions of this

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water will be recycled and used for stimulations (recycle facility co-located with SWD). Surplus produced water will be sent to third party suppliers for disposal.

Waste type: PRODUCED WATER

Waste content description: Average produced BWPD over the first year of production.

Amount of waste: 2500 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

Safe containmant attachment:

Waste disposal type: OFF-LEASE INJECTION Disposal location ownership: STATE

Disposal type description:

Disposal location description: Produced water will be primarily disposed of at our Rattlesnake 16 SWD. Portions of this water will be recycled and used for stimulations (recycle facility co-located with SWD). Surplus produced water will be sent to third party suppliers for disposal.

Reserve Pit

Reserve Pit being used? N

Temporary disposal of produced water into reserve pit? NO

Reserve pit length (ft.) Reserve pit width (ft.)

Reserve pit depth (ft.) Reserve pit volume (cu. yd.)

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? N

Description of cuttings location

Cuttings area length (ft.) Cuttings area width (ft.)

Cuttings area depth (ft.) Cuttings area volume (cu. yd.)

Is at least 50% of the cuttings area in cut?

WCuttings area liner

Cuttings area liner specifications and installation description

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 8 - Ancillary Facilities

Are you requesting any Ancillary Facilities?: N

Ancillary Facilities attachment:

Comments:

Section 9 - Well Site Layout

Well Site Layout Diagram:

Blondie_15_10_Fed_Com_6H_Well_Layout_20190917093646.pdf

Comments:

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance	Multiple Well Pad Name: Blondie 15 Wellpad
	Multiple Well Pad Number: 4

Recontouring attachment:

Blondie_15_10_Fed_Com_6H_INTERIM_RECL_20190917093656.pdf

Drainage/Erosion control construction: All areas disturbed shall be reclaimed as early and as nearly as practicable to their original condition or their final land use and shall be maintained to control dust and minimize erosion to the extent practicable.

Drainage/Erosion control reclamation: Topsoils and subsoils shall be replaced to their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns. The disturbed area then shall be reseeded in the first favorable growing season.

Well pad proposed disturbance (acres): 8.264	Well pad interim reclamation (acres): 6.08	Well pad long term disturbance (acres): 2.184
Road proposed disturbance (acres): 5.76	Road interim reclamation (acres): 0	Road long term disturbance (acres): 5.76
Powerline proposed disturbance (acres): 7.059	Powerline interim reclamation (acres): 0	Powerline long term disturbance (acres): 7.059
Pipeline proposed disturbance (acres): 0.209	Pipeline interim reclamation (acres): 0	Pipeline long term disturbance (acres): 0.209
Other proposed disturbance (acres): 0	Other interim reclamation (acres): 0	Other long term disturbance (acres): 0
Total proposed disturbance: 21.291999999999998	Total interim reclamation: 6.08	Total long term disturbance: 15.212
Disturbance Comments:		

Reconstruction method: Operator will use Best Management Practices"BMP" to mechanically recontour to obtain the desired outcome.

Topsoil redistribution: Topsoils shall be replaced to their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns.

Soil treatment: Topsoils shall be replaced to their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns.

Existing Vegetation at the well pad: Shinnery, yucca, grasses and mesquite.

Existing Vegetation at the well pad attachment:

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Existing Vegetation Community at the road: Shinnery, yucca, grasses and mesquite.

Existing Vegetation Community at the road attachment:

Existing Vegetation Community at the pipeline: Shinnery, yucca, grasses and mesquite.

Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances: Shinnery, yucca, grasses and mesquite.

Existing Vegetation Community at other disturbances attachment:

Non native seed used?

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project?

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation?

Seed harvest description:

Seed harvest description attachment:

Seed Management

Seed Table

Seed Summary	
Seed Type	Pounds/Acre

Total pounds/Acre:

Seed reclamation attachment:

Operator Contact/Responsible Official Contact Info

First Name:	Last Name:
Phone: (405)552-6556	Email: blake.richardson@dvn.com

Seedbed prep:

Seed BMP:

Seed method:

Existing invasive species? N

Existing invasive species treatment description:

Existing invasive species treatment attachment:

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Weed treatment plan description: Maintain weeds on an as need basis.

Weed treatment plan attachment:

Monitoring plan description: Monitor as needed.

Monitoring plan attachment:

Success standards: N/A

Pit closure description: N/A

Pit closure attachment:

Section 11 - Surface Ownership

Disturbance type: NEW ACCESS ROAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Disturbance type: PIPELINE

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

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Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:USFS Ranger District:

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:USFS Ranger District:

Disturbance type: WELL PAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

Received by OCD: 3/31/2021 7:56:36 AM

Page 18 of 50

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Section 12 - Other Information

Right of Way needed? Y

Use APD as ROW? Y

ROW Type(s): 281001 ROW - ROADS,288100 ROW – O&G Pipeline,FLPMA (Powerline),Other

ROW Applications

SUPO Additional Information: See Section 4 for Facility & Infrastructure Plats. See C-102 for grading plats

Use a previously conducted onsite? Y

Previous Onsite information: 11/27/2018

Other SUPO Attachment

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD disturbance (acres): PWD surface owner:

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

Section 4 - Injection

Would you like to utilize Injection PWD options? N

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Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type: Injection well number: Injection well name:

Assigned injection well API number? Injection well API number:

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection attachment:

Underground Injection Control (UIC) Permit?

UIC Permit attachment:

Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 - Other

Would you like to utilize Other PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

Have other regulatory requirements been met?

Other regulatory requirements attachment:

Operator Certification

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: Rebecca Deal	Signed on:
Title: Regulatory Compliance Professional	
Street Address: 333 West Sheridan Avenue	
City: Oklahoma City	State: OK
	Zip: 73102
Phone: (405)228-8429	
Email address: Rebecca.Deal@dvn.com	

Field Representative

Representative Name: TRAVIS PHIBBS	
Street Address: 333 WEST SHERIDAN AVE	
City: OKLAHOMA CITY	State: OK
	Zip: 73102
Phone: (140)522-8842	
Email address: travis.phibbs@dvn.com	

NOI Attachments

Procedure Description

- BLONDIE_15_3_FED_COM_6H_C_102_BHL_NOI_20210121094459.pdf
- Blondie_15_3_Fed_Com_6H_Directional_Plan_01_12_21_20210121094356.pdf

Well Name: BLONDIE 15-10 FED COM	Well Location: T26S / R34E / SEC 15 / SWNE / 32.043925 / -103.454752	County or Parish/State: LEA / NM
Well Number: 6H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547006	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Blondie_15_3_Fed_Com_6H_20210121094356.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature:	Signed on:
Name: DEVON ENERGY PRODUCTION COMPANY LP	
Title: Regulatory Compliance Professional	
Street Address: 333 WEST SHERIDAN AVE	
City: OKLAHOMA CITY	State: OK
Phone: (405) 235-3611	
Email address:	

Field Representative

Representative Name: TRAVIS PHIBBS	
Street Address: 333 WEST SHERIDAN AVE	
City: OKLAHOMA CITY	State: OK
Phone: (140)522-8842	Zip: 73102
Email address: travis.phibbs@dvn.com	

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 03/23/2021
Signature: Cody R. Layton	

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) 748-8720

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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-47006	Pool Code 98105	Pool Name WC-025 G-09 S263416B;UPPER WOLFCAMP
Property Code 330425	Property Name BLONDIE 15-3 FED COM	Well Number 6H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3272.3'

Surface Location

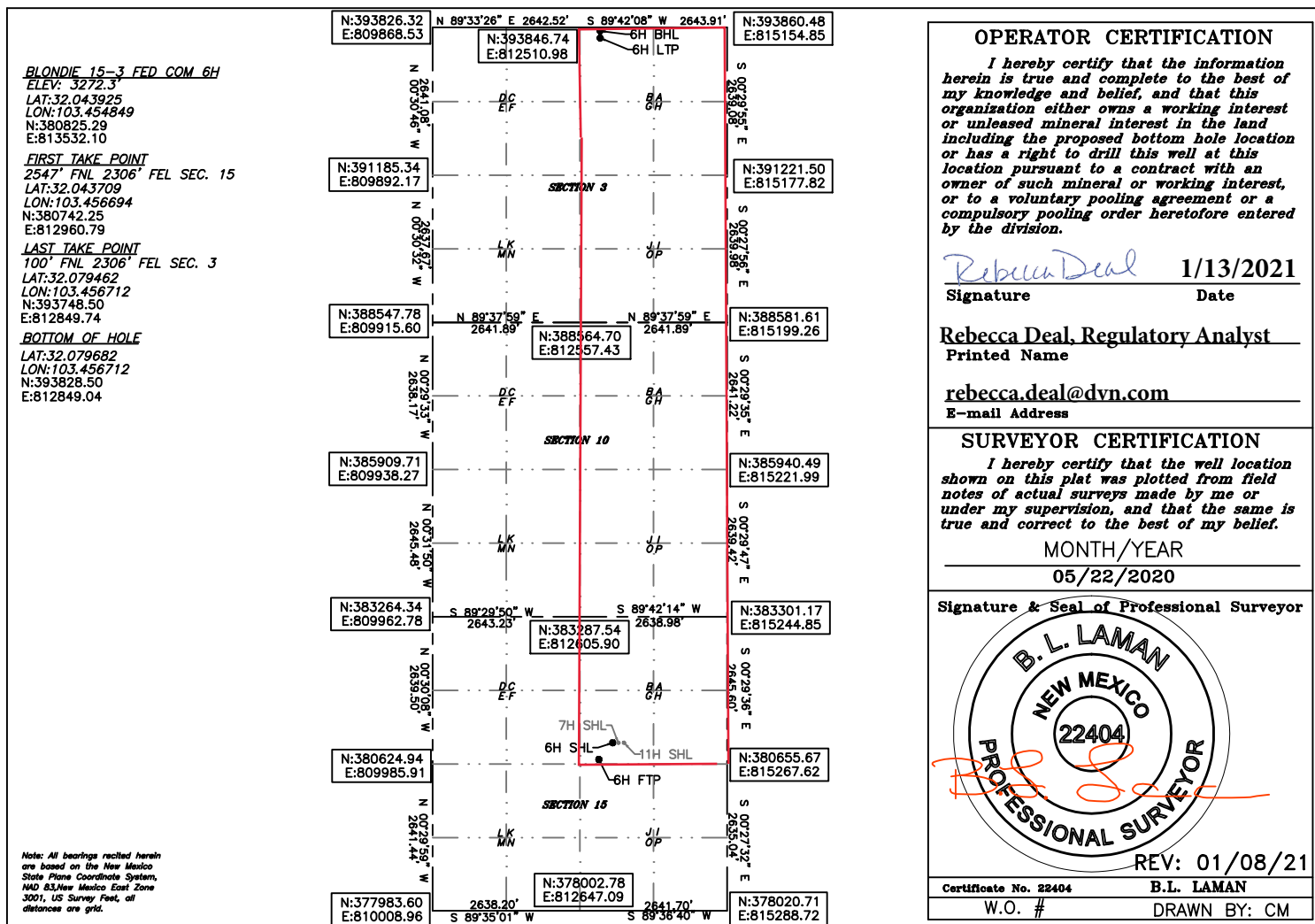
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	15	26-S	34-E		2467	NORTH	1734	EAST	LEA

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	3	26-S	34-E		20	NORTH	2306	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
800			

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



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐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

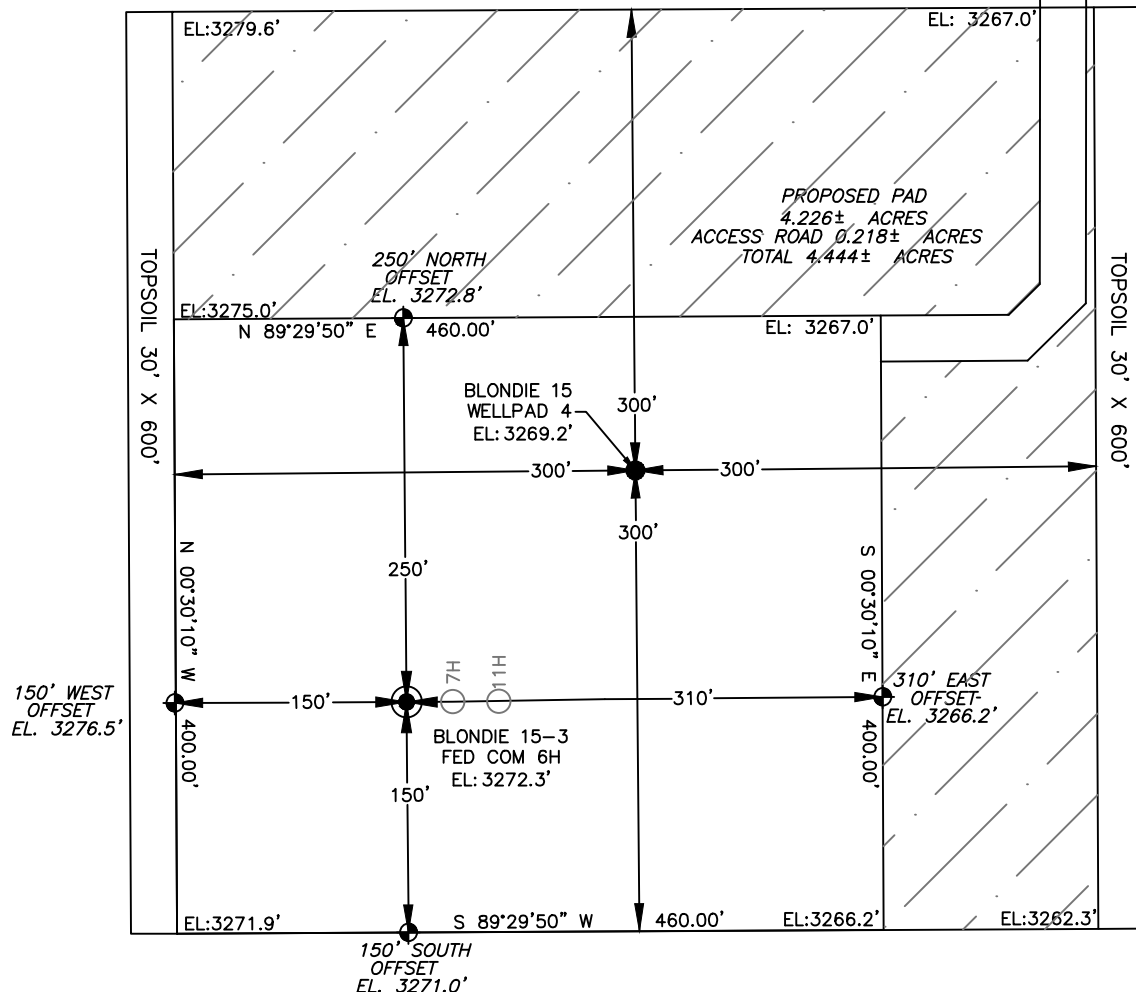
SECTION 15, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SITE MAP

BLONDIE 15-3 FED COM 6H
2467' FNL 1734' FEL SEC. 15
ELEV: 3272.3'
N: 380825.29
E: 813532.10

BLONDIE 15-3 FED COM 7H
2467' FNL 1704' FEL SEC. 15
ELEV: 3271.1'
N: 380825.44
E: 813562.10

BLONDIE 15-3 FED COM 11H
2467' FNL 1674' FEL SEC. 15
ELEV: 3271.7'
N: 380825.60
E: 813592.10

PROPOSED 884'
ACCESS ROAD



Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

DEVON ENERGY PRODUCTION COMPANY, L.P.
BLONDIE 15-3 FED COM 6H
LOCATED 2467 FT. FROM THE NORTH LINE
AND 1734 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF J-2 AND DINWIDDIE ROAD, HEAD EAST ON AN EXISTING LEASE ROAD FOR 3.90 MILES. TURN RIGHT AND HEAD SOUTH ONTO AN EXISTING ACCESS ROAD FOR 1.63 MILES TO THE POINT OF BEGINNING OF THE BLONDIE PRIMARY ACCESS ROAD. TURN LEFT AND FOLLOW THE BLONDIE PRIMARY ACCESS ROAD EAST FOR 1.03 MILES. TURN RIGHT AND HEAD SOUTH FOR 884 FEET TO THE NORTHEAST CORNER OF BLONDIE 15 WELLPAD 4.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
JEANNIE PERRY

Date: 05/08/2019
REV: 1/06/21 CM

Drawn for:



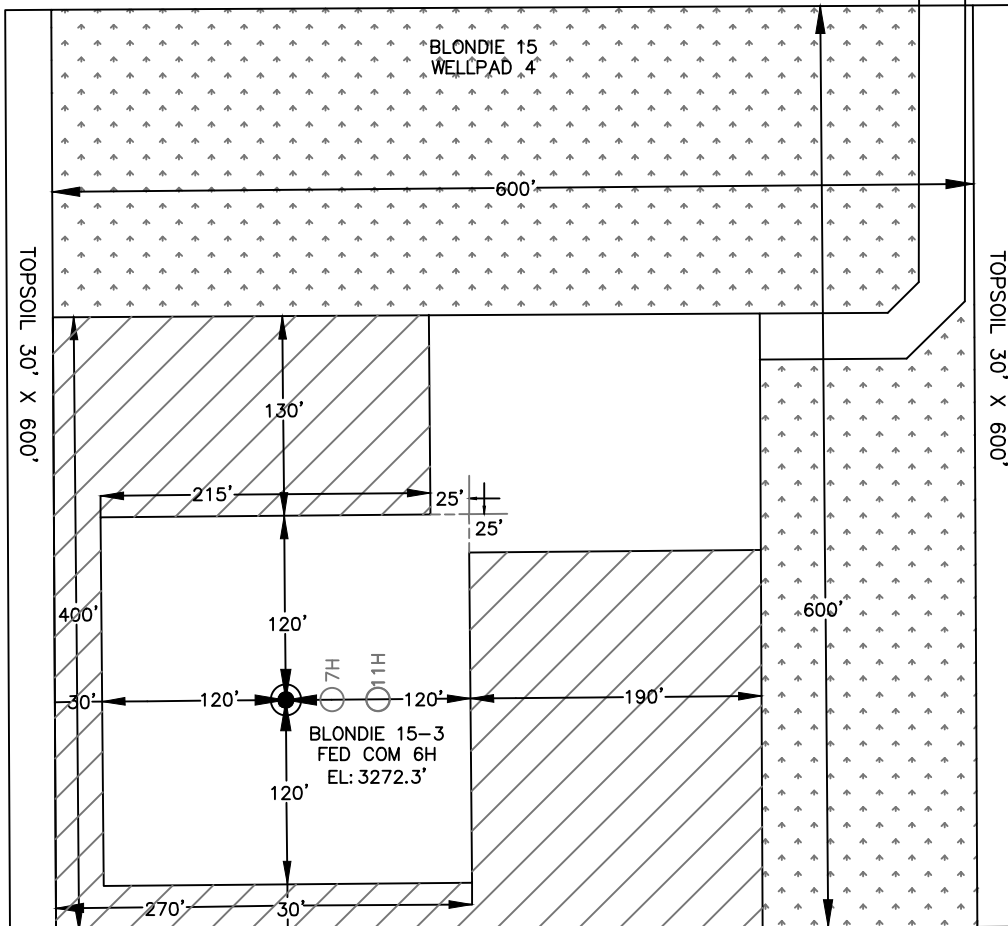
SECTION 15, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO INTERIM SITE BUILD PLAN

BLONDIE 15-3 FED COM 6H
2467' FNL 1734' FEL SEC. 15
ELEV: 3272.3'
N: 380825.29
E: 813532.10

BLONDIE 15-3 FED COM 7H
2467' FNL 1704' FEL SEC. 15
ELEV: 3271.1'
N: 380825.44
E: 813562.10

BLONDIE 15-3 FED COM 11H
2467' FNL 1674' FEL SEC. 15
ELEV: 3271.7'
N: 380825.60
E: 813592.10

PROPOSED 884'
ACCESS ROAD



DENOTES INTERIM PAD RECLAMATION AREA

DENOTES GRADING SITE RECLAMATION AREA

2.155± ACRES INTERIM PAD RECLAMATION AREA
3.820± ACRES GRADING SITE RECLAMATION AREA
2.289± ACRES NON-RECLAIMED AREA
8.264± ACRES GRADING SITE RECLAMATION AREA



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLONDIE 15-3 FED COM 6H
LOCATED 2467 FT. FROM THE NORTH LINE
AND 1734 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

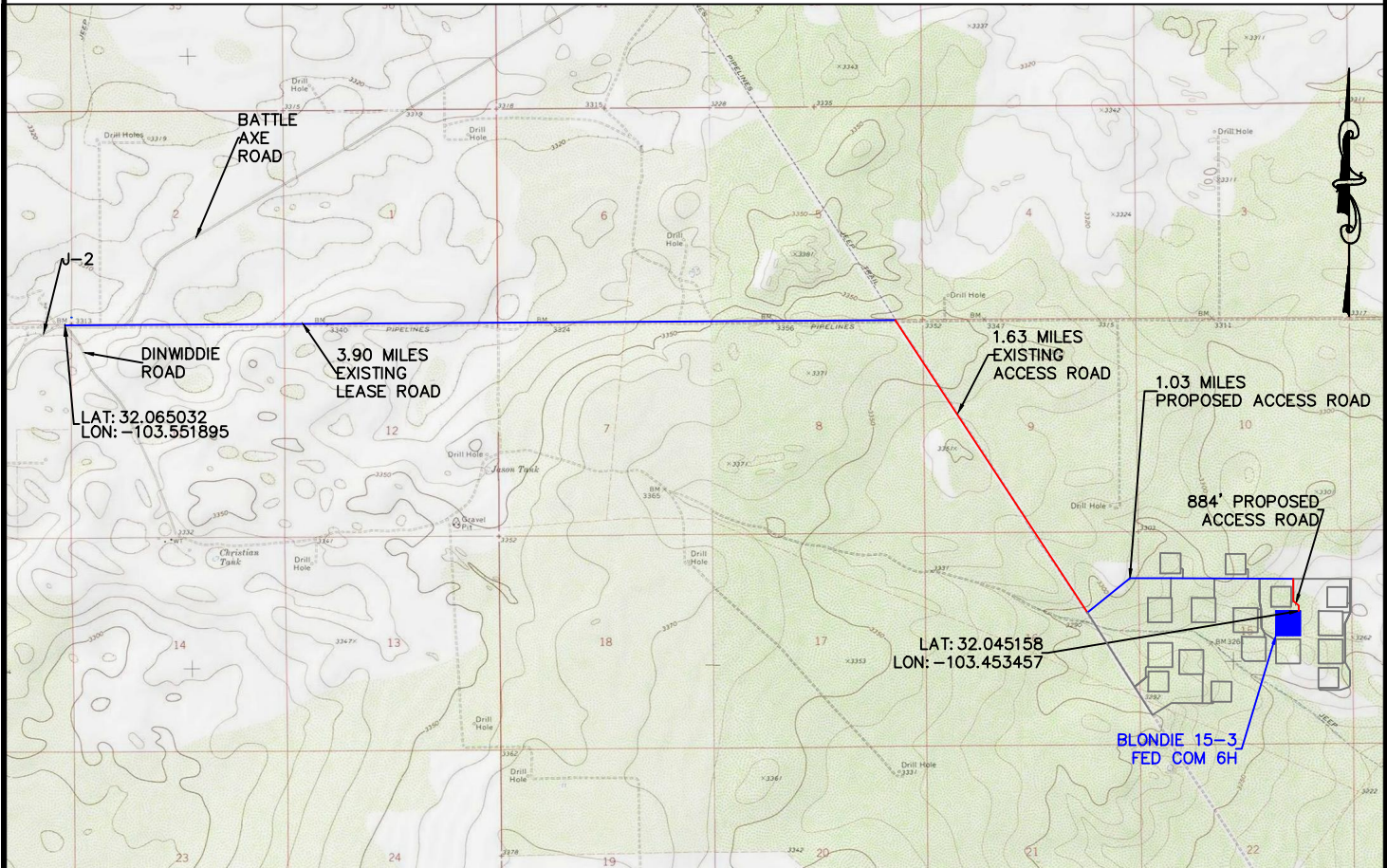
Drawn by:
JEANNIE PERRY

Date: 05/08/2019
REV: 1/06/21 CM

Drawn for:

devon

SECTION 15, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
BLONDIE 15-3 FED COM 6H
LOCATED 2467 FT. FROM THE NORTH LINE
AND 1734 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF J-2 AND DINWIDDIE ROAD, HEAD EAST ON AN EXISTING LEASE ROAD FOR 3.90 MILES. TURN RIGHT AND HEAD SOUTH ONTO AN EXISTING ACCESS ROAD FOR 1.63 MILES TO THE POINT OF BEGINNING OF THE BLONDIE PRIMARY ACCESS ROAD. TURN LEFT AND FOLLOW THE BLONDIE PRIMARY ACCESS ROAD EAST FOR 1.03 MILES. TURN RIGHT AND HEAD SOUTH FOR 884 FEET TO THE NORTHEAST CORNER OF BLONDIE 15 WELLPAD 4.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

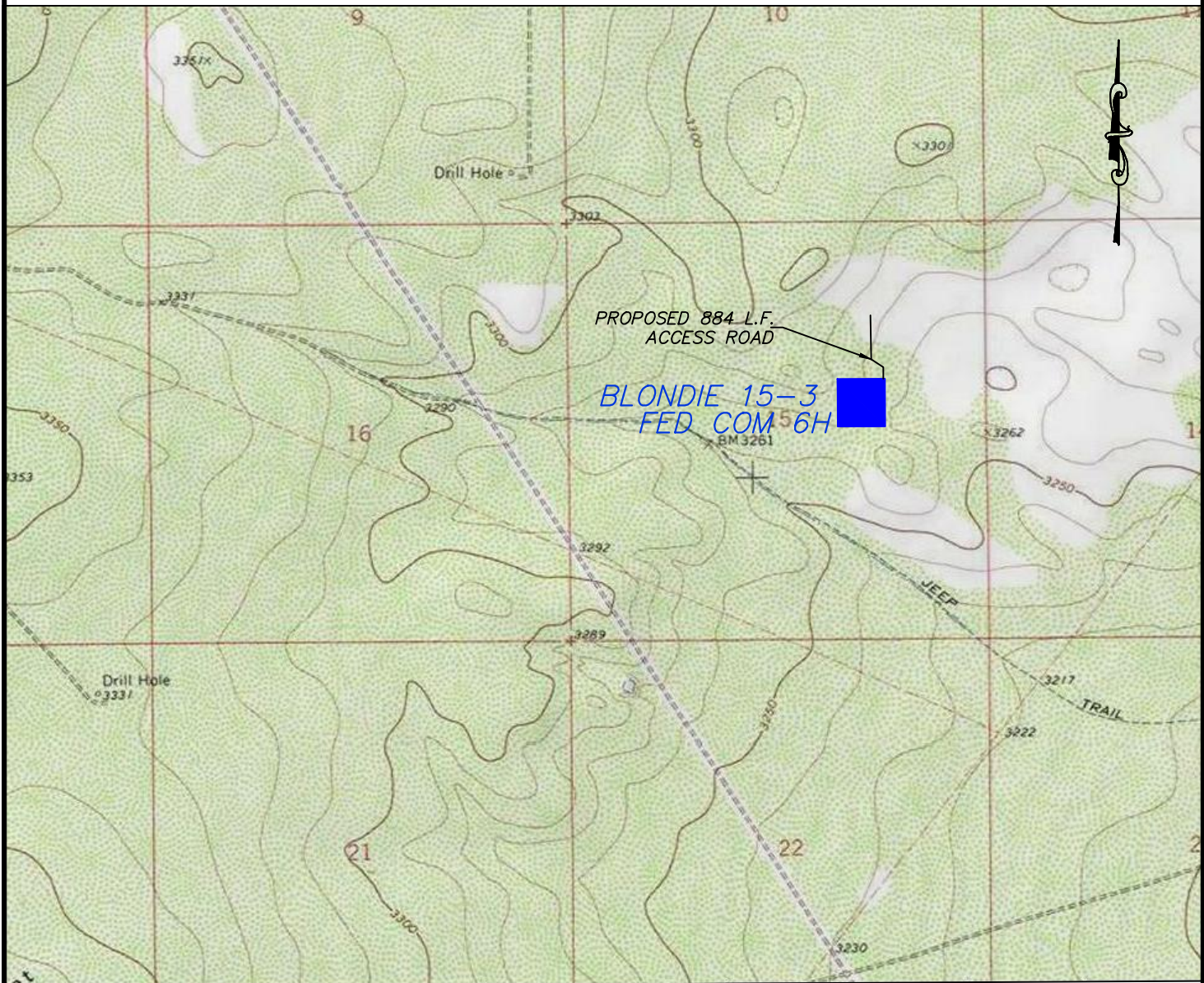
Drawn by:
JEANNIE PERRY

Date: 05/07/2019
REV: 01/06/21 CM

Drawn for:

devon

SECTION 15, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP

DEVON ENERGY PRODUCTION COMPANY, L.P.
BLONDIE 15-3 FED COM 6H
LOCATED 2467 FT. FROM THE NORTH LINE
AND 1734 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

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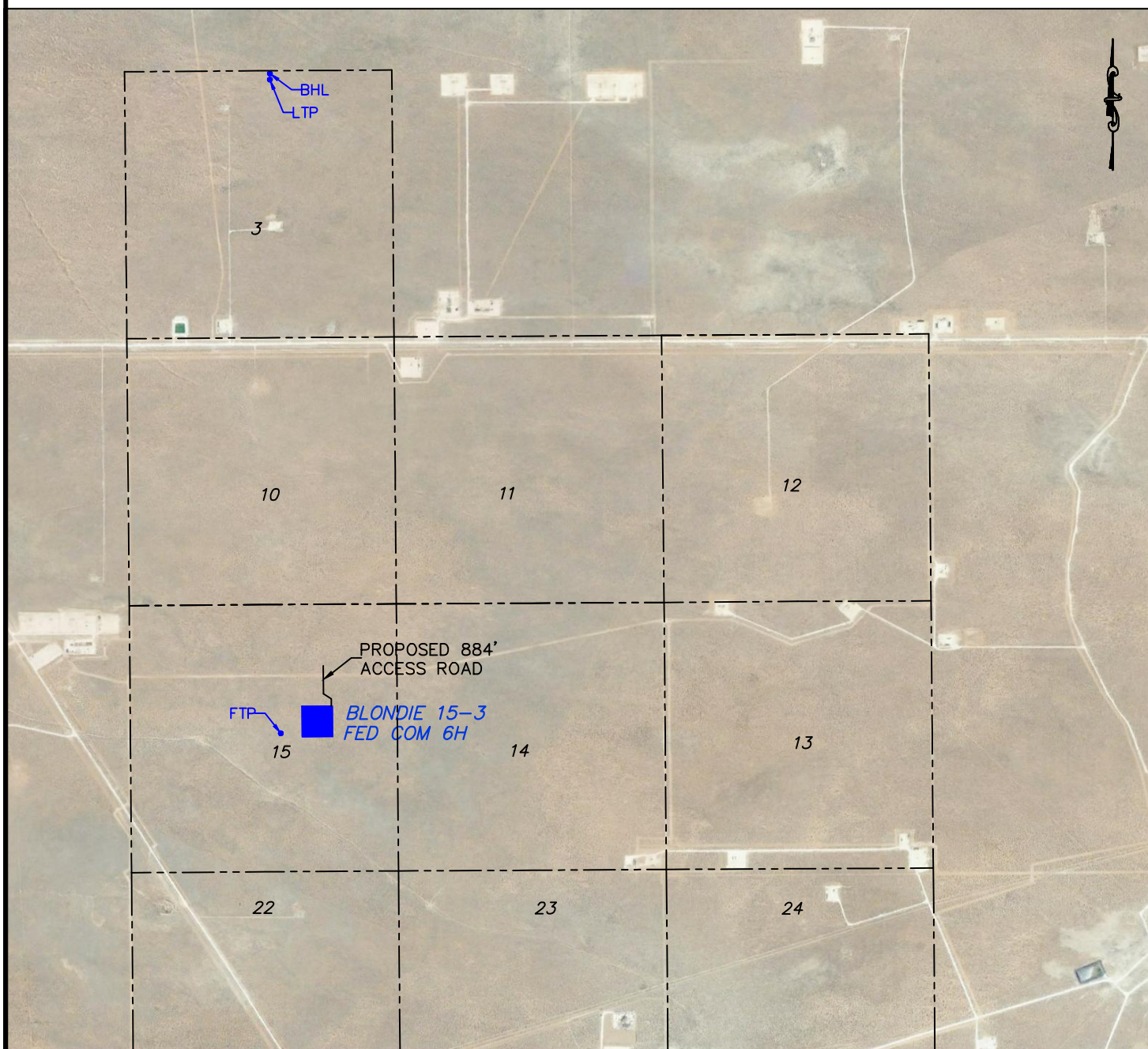
**HORIZON ROW LLC**

Drawn for:

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
JEANNIE PERRYDate: 05/07/2019
REV: 01/06/21 CM

SECTION 15, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLONDIE 15-3 FED COM 6H
LOCATED 2467 FT. FROM THE NORTH LINE
AND 1734 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

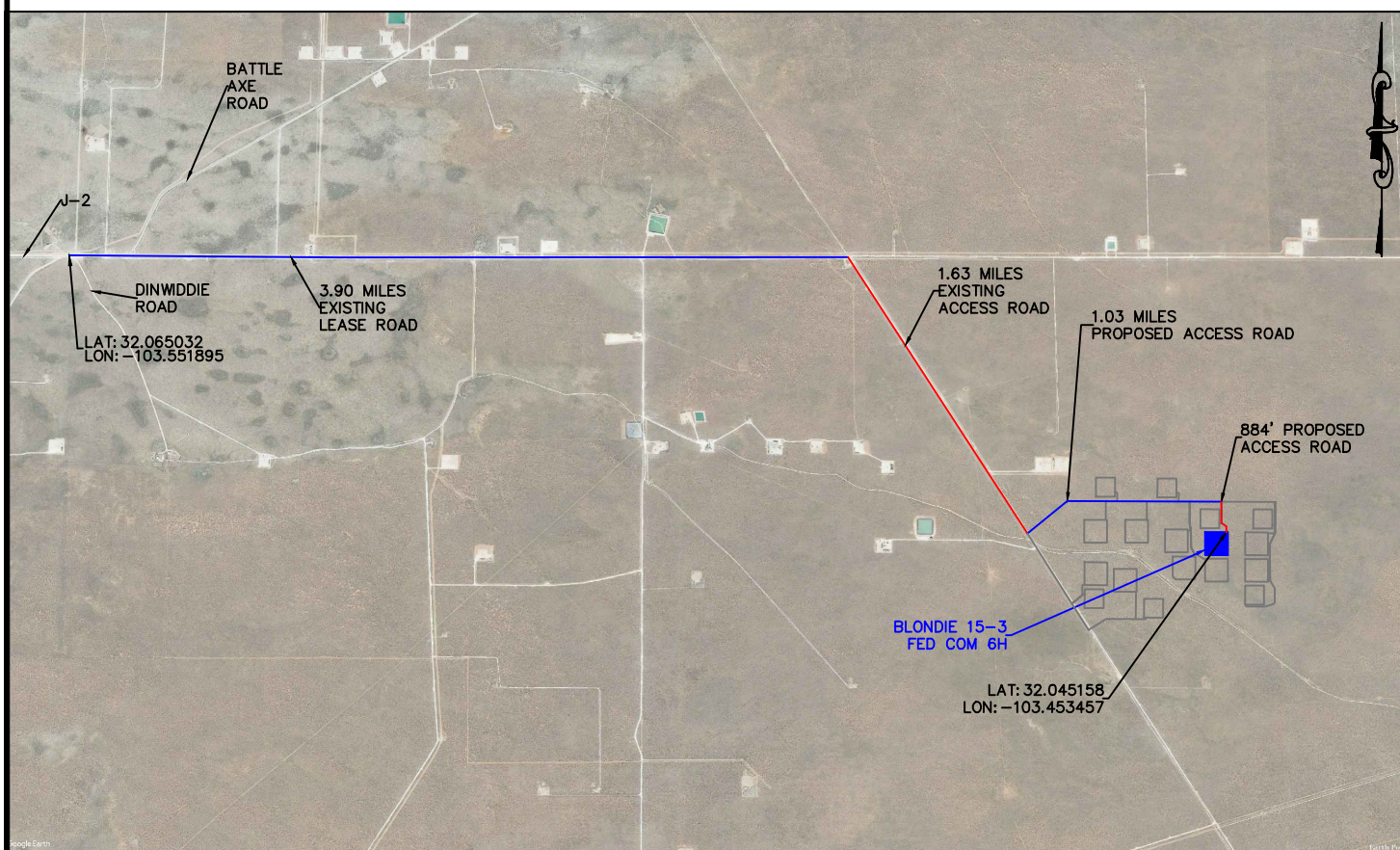
Drawn by:
JEANNIE PERRY

Date: 05/07/2019
REV: 01/06/21 CM

Drawn for:

devon

SECTION 15, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLONDIE 15-3 FED COM 6H
LOCATED 2467 FT. FROM THE NORTH LINE
AND 1734 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

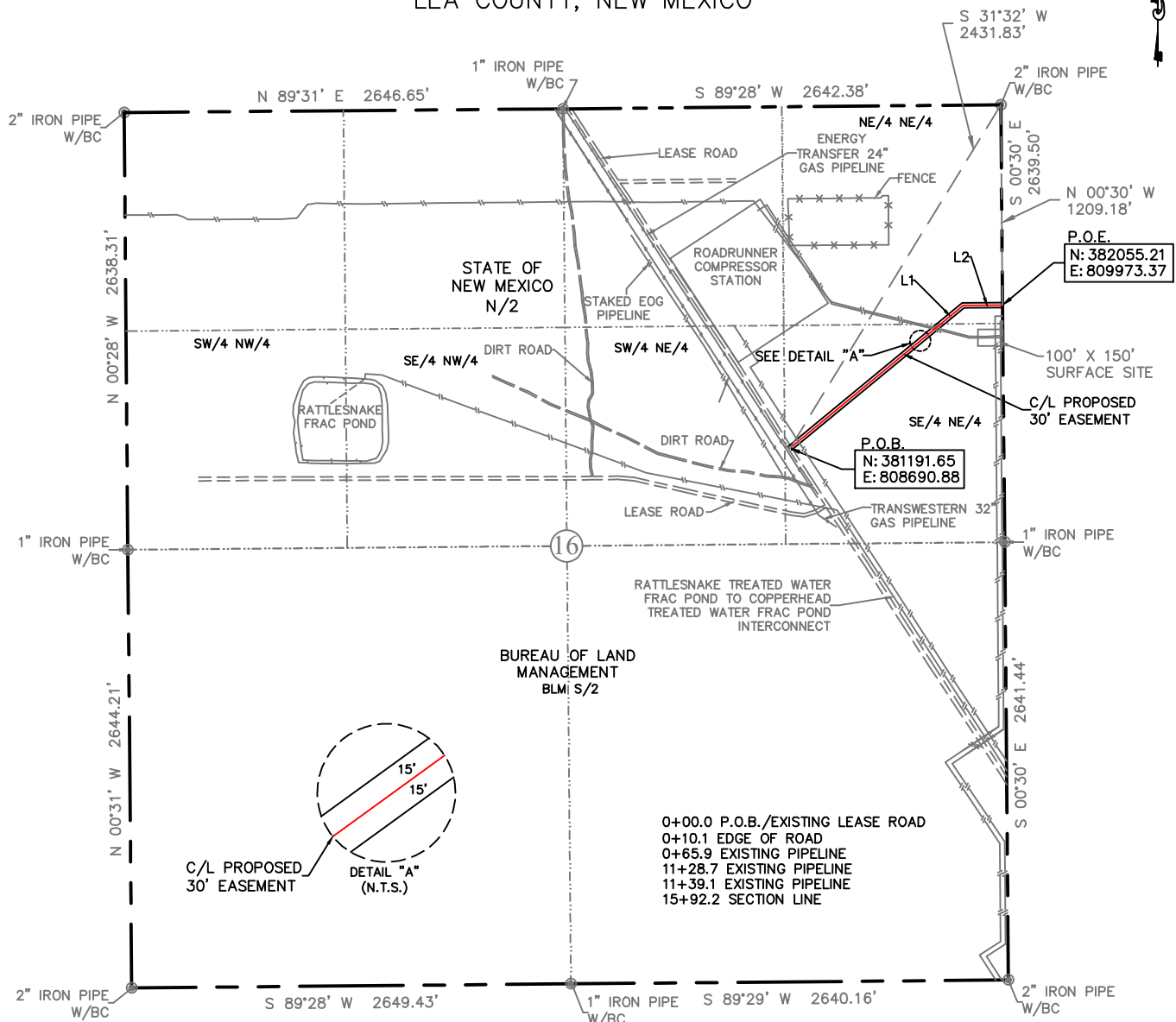
Drawn by:
STEVE LONDON

Date: 5/07/2019
REV: 1/06/2021 CM

Drawn for:



EXHIBIT "A"
ACCESS ROAD PLAT
PAGE 1 of 2
SECTION 16, T26S-R34E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LINE	BEARING	DISTANCE
L1	N 50°29' E	1354.80'
L2	N 89°39' E	237.41'

QUARTER/QUARTER	30' ESMT. AREA	FEET	RODS
SE 1/4 OF NE 1/4	0.81 ACRES	1178.01'	71.40
NE 1/4 OF NE 1/4	0.29 ACRES	414.20'	25.10
TOTALS	1.10 ACRES	1592.21'	96.50

SEE THE ATTACHED LEGAL DESCRIPTION

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

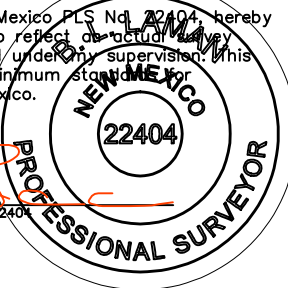
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

0 1000 2000



B.L. Laman
Horizonrow, LLC
Date Signed: 08-26-2019
P.O. Box 548, Dry Creek, La.
(903) 368-3045 70637
Employee of Horizonrow, LLC

PLS #22404



HORIZON ROW LLC

Drawn for:

devon

Drawn by:
STEVE LONDON

Date: 01/10/2019

DEVON ENERGY PRODUCTION COMPANY, L.P.

BLONDIE 15
PRIMARY ACCESS ROAD

PROPOSED 30' EASEMENT
ON THE PROPERTY OF
STATE OF NEW MEXICO
SECTION 16, T26S-R34E, N.M.P.M.

LINE NUMBER:
7640244R

WBS NUMBER:
XX-131582.01.SLC

SCALE:
1" = 1000'

REVISIONS:

DATE OF SURVEY:
1/9/2019

SECTION 16, T26S-R34E, N.M.P.M.,
LEA COUNTY, NEW MEXICO

ACCESS ROAD PLAT

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southeast quarter of the northeast quarter (SE $\frac{1}{4}$, NE $\frac{1}{4}$) and the northeast quarter of the northeast quarter (NE $\frac{1}{4}$, NE $\frac{1}{4}$) of Section 16, Township 26 South, Range 34 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 2" iron pipe w/BC found for the northeast corner of Section 16, T26S-R34E, N.M.P.M., Lea County, New Mexico;

Thence S 31°32' W, a distance of 2431.83' to the **Point of Beginning** of this easement having coordinates of Northing=381191.65, Easting=808690.88 feet and continuing the following courses;

Thence N 50°29' E, a distance of 1354.80' to an angle point;

Thence N 89°39' E, a distance of 237.41' to the **Point of Ending** having coordinates of Northing=382055.21, Easting=809973.37 feet in the east line of Section 16, from said point a 2" iron pipe w/BC found for the northeast corner of Section 16, T26S-R34E, N.M.P.M., Lea County, New Mexico bears N 00°30' W a distance of 1209.18', covering **1592.21' or 96.50 rods** and having an area of **1.10 acres**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

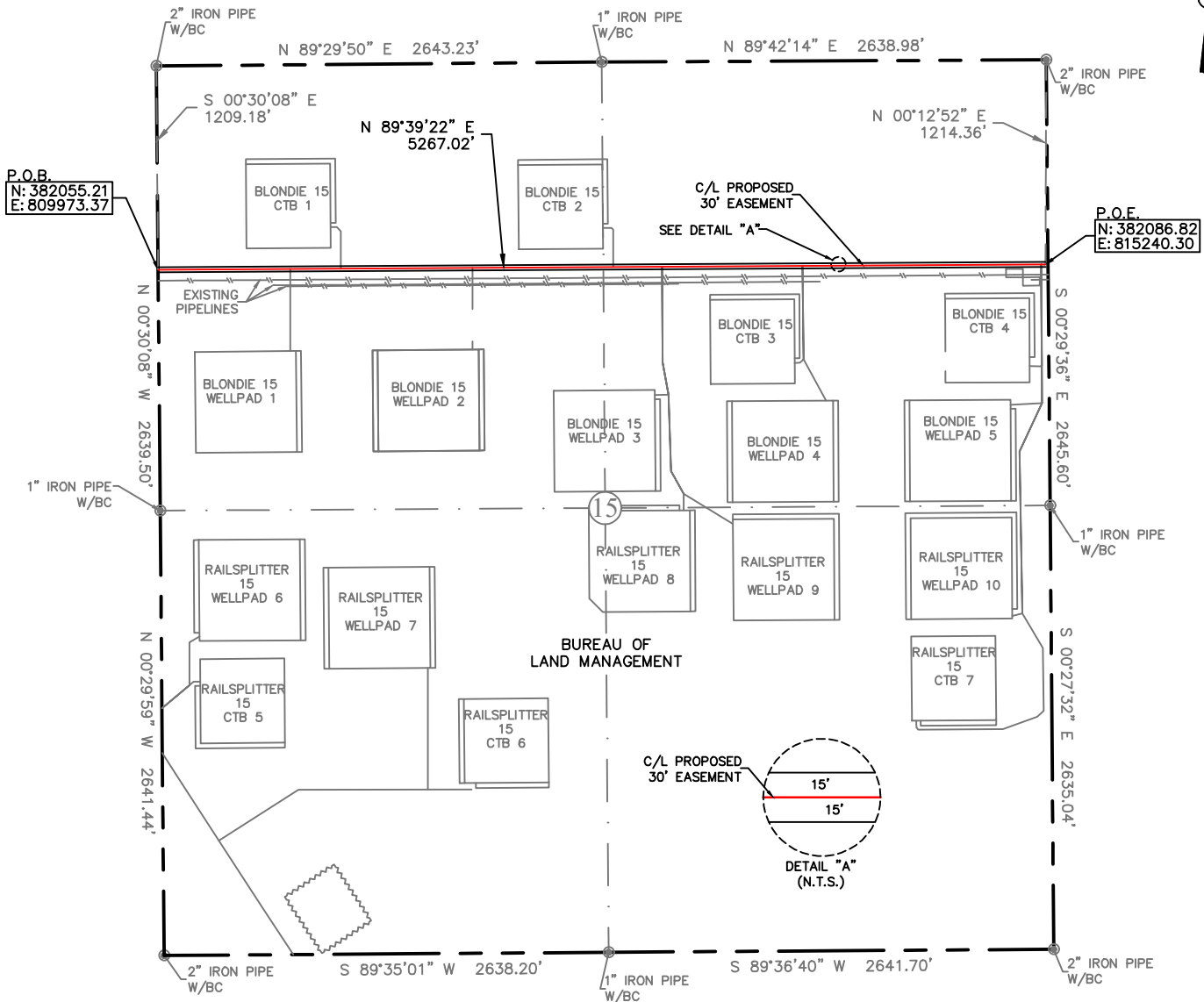
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404
Date Signed: 08/26/2019
Horizon Row, LLC
P.O. Box 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizon Row, LLC



EXHIBIT "A"
ACCESS ROAD PLAT
SECTION 15, T26S-R34E, N.M.P.M.
LEA COUNTY, NEW MEXICO



30' EASEMENT AREA = 3.627 ACRE(S)
 5267.02 FEET OR 319.21 RODS

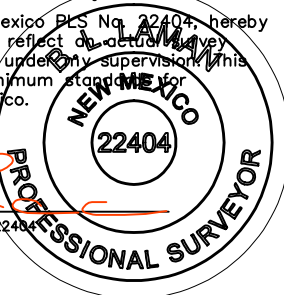
15+92.2 SECTION LINE
 23+76.1 BLONDIE 15 WELLPAD 1 ACCESS ROAD
 26+76.8 BLONDIE 15 CTB 1 ACCESS ROAD
 34+58.2 BLONDIE 15 WELLPAD 2 ACCESS ROAD
 42+93.2 BLONDIE 15 CTB 2 ACCESS ROAD
 45+83.1 BLONDIE 15 WELLPADS 3, 8 & 9 ACCESS ROAD
 54+16.2 BLONDIE 15 CTB 3 & WELLPAD 4 ACCESS ROAD
 68+33.9 BLONDIE 15 CTB 4, WELLPAD 5 & CTB 7, WELLPAD 10 ACCESS ROAD
 68+59.2 P.O.E.

SEE THE ATTACHED LEGAL DESCRIPTION

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect the actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

B.L. Laman
 Date Signed: 08-26-2019
 P.O. Box 548, Dry Creek, La.
 (903) 388-3045
 Employee of Horizonrow, LLC



HORIZON ROW LLC	
Drawn for:	
devon	
Drawn by: STEVE LONDON	Date: 01/10/2019

DEVON ENERGY PRODUCTION COMPANY, L.P.		LINE NUMBER: 7640244R
BLONDIE 15 PRIMARY ACCESS ROAD		WBS NUMBER: XX-131582.01.SLC
PROPOSED 30' EASEMENT ON THE PROPERTY OF		SCALE: 1" = 1000'
BUREAU OF LAND MANAGEMENT		REVISIONS:
SECTION 15, T26S-R34E, N.M.P.M.		DATE OF SURVEY: 01/09/2019

**SECTION 15, T26S-R34E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD PLAT

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

BUREAU OF LAND MANAGEMENT

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the northwest quarter (NW ¼) and the northeast quarter (NE ¼) of Section 15, Township 26 South, Range 34 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the Bureau of Land Management. Said centerline of easement being more particularly described as follows:

Commencing from a 2" iron pipe w/BC for the northwest corner of Section 15, T26S-R34E, N.M.P.M., Lea County, New Mexico;

Thence S 00°30'08" E a distance of 1209.18' to the **Point of Beginning** of this easement, in the west section line, having coordinates of Northing=382055.21, Easting=809973.37 feet and continuing the following course;

Thence N 89°39'22" E a distance of 5267.02' to the **Point of Ending**, having coordinates of Northing=382086.82, Easting=815240.30 feet from said point a 2" iron pipe w/BC for the northeast corner of Section 15, T26S-R34E bears N 00°12'52" E a distance of 1214.36', covering **5267.02' or 319.21 rods** and having an area of **3.627 acres**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404

Date Signed: 08/26/2019

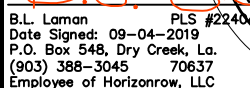
Horizon Row, LLC

P.O. Box 548, Dry Creek, La.

(903) 388-3045 70637

Employee of Horizon Row, LLC





**SECTION 15, T26S-R34E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD PLAT

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

BUREAU OF LAND MANAGEMENT

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the northeast quarter (NE ¼) of Section 15, Township 26 South, Range 34 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the Bureau of Land Management. Said centerline of easement being more particularly described as follows:

Commencing from a 2" iron pipe w/BC for the northeast corner of Section 15, T26S-R34E, N.M.P.M., Lea County, New Mexico;

Thence S 49°48'21" W a distance of 1895.03' to the **Point of Beginning** of this easement having coordinates of Northing=382078.16, Easting=813797.31 feet and continuing the following courses;

Thence S 00°48'15" E a distance of 554.67' to an angle point;

Thence S 56°44'24" E a distance of 183.80' to an angle point;

Thence S 00°17'46" E a distance of 145.21' to the **Point of Ending** having coordinates of Northing=381277.54, Easting=813959.53 feet from said point a 1" iron pipe w/BC for the east quarter corner of Section 15, T26S-R34E bears S 64°34'24" E a distance of 1448.39', covering **883.68' or 53.56 rods** and having an area of **0.609 acres**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404

Date Signed: 09/04/2019

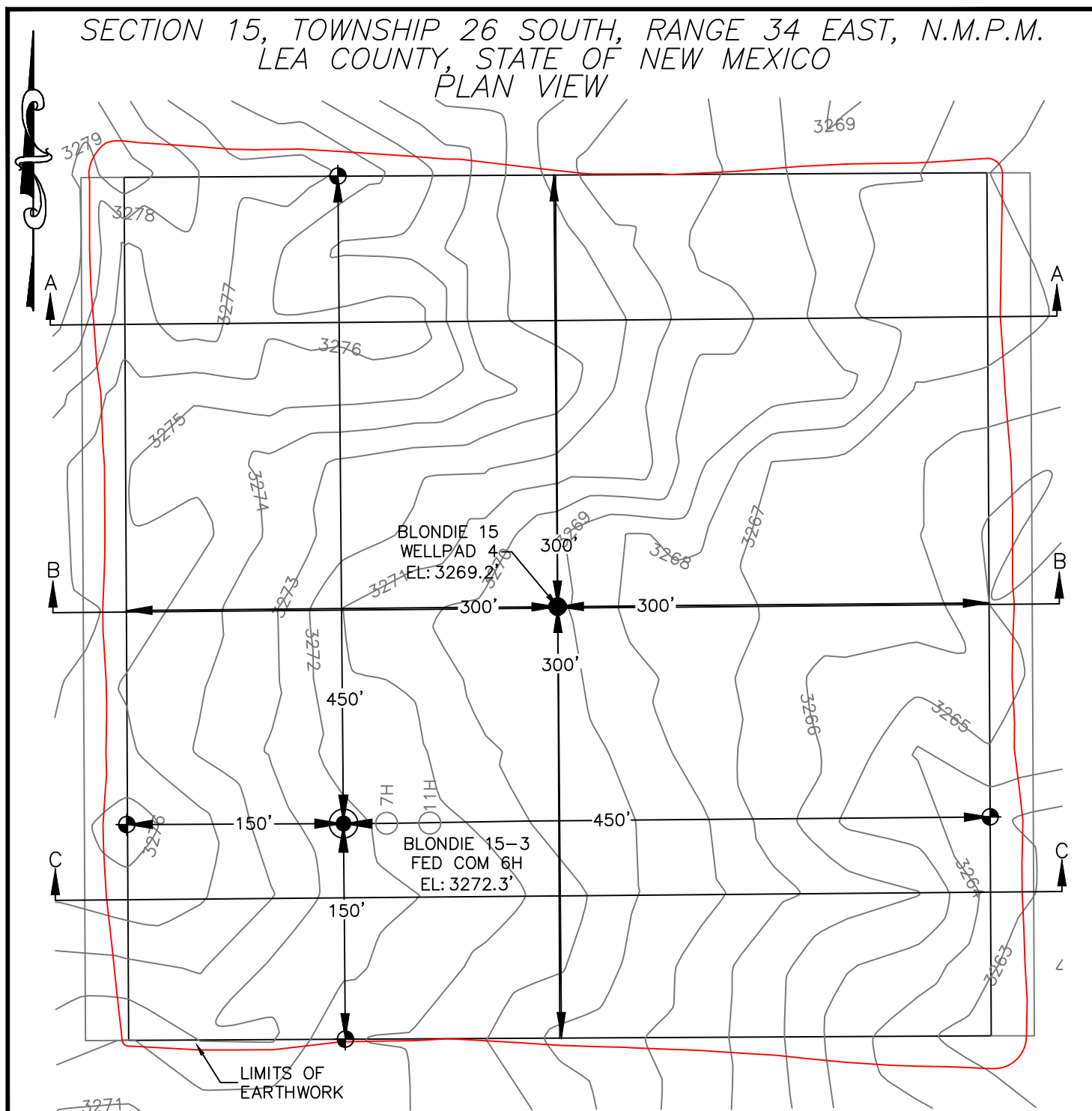
Horizon Row, LLC

P.O. Box 548, Dry Creek, La.

(903) 388-3045 70637

Employee of Horizon Row, LLC





DEVON ENERGY PRODUCTION COMPANY, L.P.

BLONDIE 15-3 FED COM 6H

LOCATED 2467 FT. FROM THE NORTH LINE

AND 1734 FT. FROM THE EAST LINE OF

SECTION 15, TOWNSHIP 26 SOUTH,

RANGE 34 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

EARTHWORK QUANTITIES FOR
BLONDIE 15 WELLPAD 4

CUT	FILL	NET
21,399 CY	21,399 CY	0 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

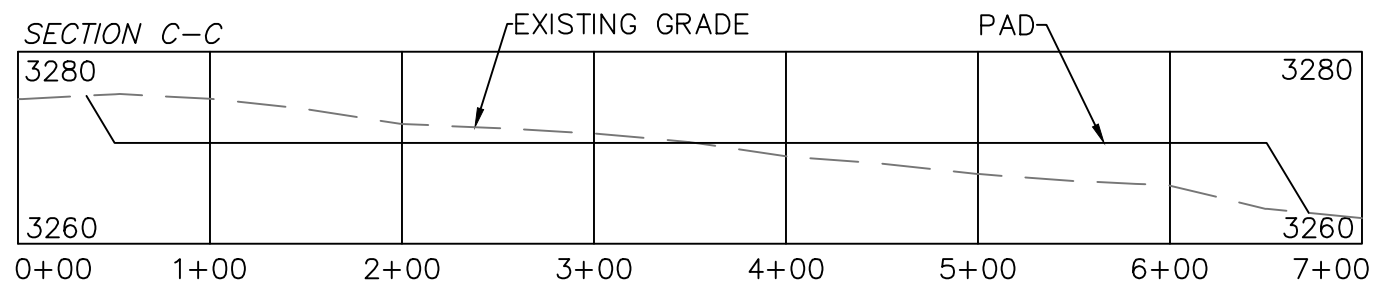
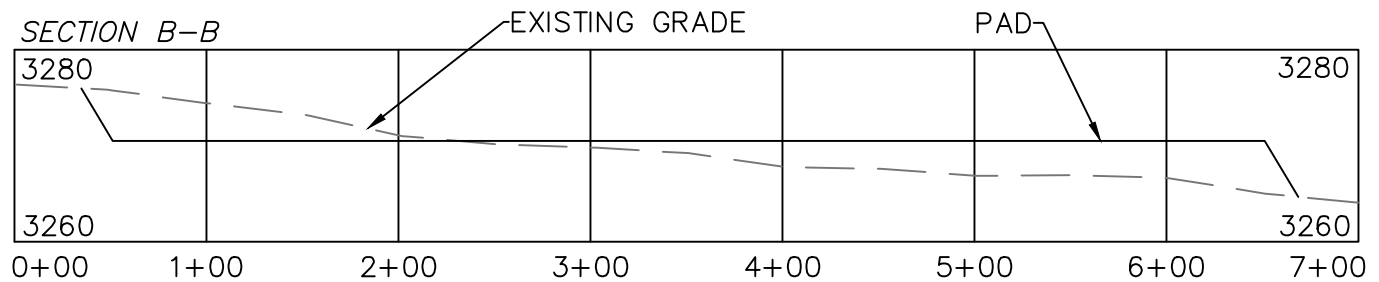
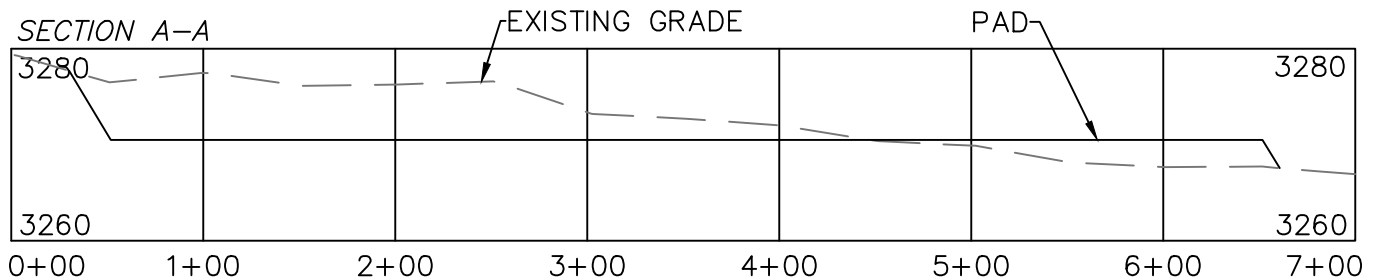
DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
STEVE LONDONDate: 5/8/19
REV: 1/06/2021 CM

Drawn for:



SECTION 15, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
CROSS SECTIONS



DEVON ENERGY PRODUCTION COMPANY, L.P.
BLONDIE 15-3 FED COM 6H
LOCATED 2467 FT. FROM THE NORTH LINE
AND 1734 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SCALE 1" = 100' HORIZONTAL
SCALE 1" = 20' VERTICAL

EARTHWORK QUANTITIES FOR
BLONDIE 15 WELLPAD 4

CUT	FILL	NET
21,399 CY	21,399 CY	0 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
STEVE LONDON

Date: 5/8/19
REV: 1/06/2021 CM

Drawn for:

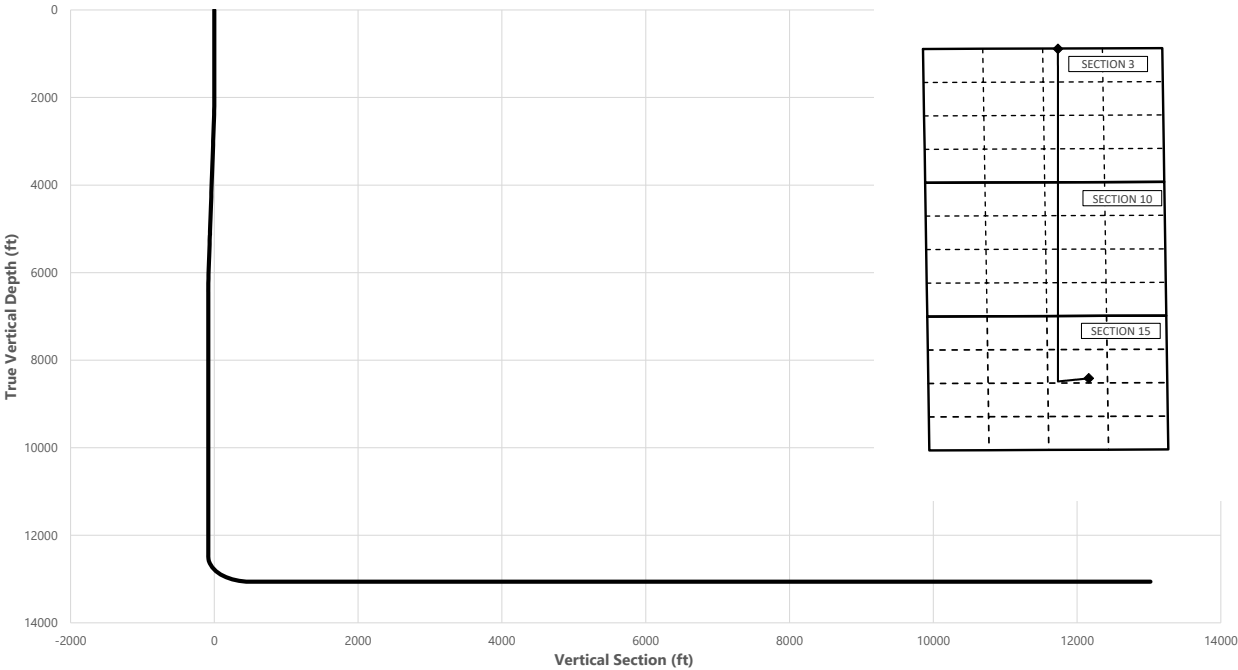




Well: Blondie 15-3 Fed Com 6H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	260.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	260.00	2497.47	-7.56	-42.86	-5.30	1.00	Hold Tangent
5992.97	10.00	260.00	5937.37	-112.88	-640.19	-79.15	0.00	Drop to Vertical
6492.97	0.00	260.00	6434.84	-120.44	-683.06	-84.45	2.00	Hold Vertical
12545.18	0.00	360.00	12487.04	-120.44	-683.06	-84.45	0.00	KOP
13445.18	90.00	360.00	13060.00	452.52	-683.06	487.72	10.00	Landing Point
25995.87	90.00	360.00	13060.00	13003.21	-683.06	13021.14	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	0.00	0.00
Salt	1335.00	1335.00
Base of Salt	5178.22	5135.00
Delaware	5381.31	5335.00
Bone Spring 2nd	11093.14	11035.00
Bone Spring 3rd	12193.14	12135.00
Wolfcamp / Point of Penetration	12643.62	12585.00
Exit	25915.87	13060.02

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.0438	-103.4549	2467' FNL, 1734' FEL of Sec 15 in T26S, R34E
12545.18	12487.04	32.0435	-103.4571	2584' FNL, 2418' FEL of Sec 15 in T26S, R34E
12643.62	12585.00	32.0437	-103.4567	2547' FNL, 2306' FEL of Sec 15 in T26S, R34E
25915.87	13060.02	32.0795	-103.4567	100' FNL, 2306' FEL of Sec 3 in T26S, R34E
25995.87	13060.00	32.0796	-103.4568	20' FNL, 2306' FEL of Sec 3 in T26S, R34E

Blondie 15-3 Fed Com 6H



Well: Blondie 15-3 Fed Com 6H
County: Lea
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
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	260.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	260.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	260.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	260.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	260.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	260.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	260.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	260.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	260.00	900.00	0.00	0.00	0.00	0.00	
935.00	0.00	260.00	935.00	0.00	0.00	0.00	0.00	Rustler
1000.00	0.00	260.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	260.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	260.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	260.00	1300.00	0.00	0.00	0.00	0.00	
1335.00	0.00	260.00	1335.00	0.00	0.00	0.00	0.00	Salt
1400.00	0.00	260.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	260.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	260.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	260.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	260.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	260.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	260.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	260.00	2099.98	-0.30	-1.72	-0.21	2.00	
2200.00	4.00	260.00	2199.84	-1.21	-6.87	-0.85	2.00	
2300.00	6.00	260.00	2299.45	-2.73	-15.46	-1.91	2.00	
2400.00	8.00	260.00	2398.70	-4.84	-27.46	-3.39	2.00	
2500.00	10.00	260.00	2497.47	-7.56	-42.86	-5.30	1.00	Hold Tangent
2600.00	10.00	260.00	2595.95	-10.57	-59.96	-7.41	0.00	
2700.00	10.00	260.00	2694.43	-13.59	-77.06	-9.53	0.00	
2800.00	10.00	260.00	2792.91	-16.60	-94.16	-11.64	0.00	
2900.00	10.00	260.00	2891.39	-19.62	-111.27	-13.76	0.00	
3000.00	10.00	260.00	2989.87	-22.63	-128.37	-15.87	0.00	
3100.00	10.00	260.00	3088.35	-25.65	-145.47	-17.98	0.00	
3200.00	10.00	260.00	3186.83	-28.67	-162.57	-20.10	0.00	
3300.00	10.00	260.00	3285.31	-31.68	-179.67	-22.21	0.00	
3400.00	10.00	260.00	3383.79	-34.70	-196.77	-24.33	0.00	
3500.00	10.00	260.00	3482.27	-37.71	-213.87	-26.44	0.00	
3600.00	10.00	260.00	3580.75	-40.73	-230.97	-28.55	0.00	
3700.00	10.00	260.00	3679.23	-43.74	-248.07	-30.67	0.00	
3800.00	10.00	260.00	3777.72	-46.76	-265.17	-32.78	0.00	
3900.00	10.00	260.00	3876.20	-49.77	-282.28	-34.90	0.00	
4000.00	10.00	260.00	3974.68	-52.79	-299.38	-37.01	0.00	
4100.00	10.00	260.00	4073.16	-55.80	-316.48	-39.13	0.00	
4200.00	10.00	260.00	4171.64	-58.82	-333.58	-41.24	0.00	
4300.00	10.00	260.00	4270.12	-61.84	-350.68	-43.35	0.00	
4400.00	10.00	260.00	4368.60	-64.85	-367.78	-45.47	0.00	
4500.00	10.00	260.00	4467.08	-67.87	-384.88	-47.58	0.00	
4600.00	10.00	260.00	4565.56	-70.88	-401.98	-49.70	0.00	
4700.00	10.00	260.00	4664.04	-73.90	-419.08	-51.81	0.00	
4800.00	10.00	260.00	4762.52	-76.91	-436.18	-53.92	0.00	
4900.00	10.00	260.00	4861.00	-79.93	-453.28	-56.04	0.00	
5000.00	10.00	260.00	4959.48	-82.94	-470.39	-58.15	0.00	
5100.00	10.00	260.00	5057.97	-85.96	-487.49	-60.27	0.00	
5178.22	10.00	260.00	5135.00	-88.32	-500.86	-61.92	0.00	Base of Salt
5200.00	10.00	260.00	5156.45	-88.97	-504.59	-62.38	0.00	
5300.00	10.00	260.00	5254.93	-91.99	-521.69	-64.50	0.00	
5381.31	10.00	260.00	5335.00	-94.44	-535.59	-66.21	0.00	Delaware
5400.00	10.00	260.00	5353.41	-95.01	-538.79	-66.61	0.00	
5500.00	10.00	260.00	5451.89	-98.02	-555.89	-68.72	0.00	
5600.00	10.00	260.00	5550.37	-101.04	-572.99	-70.84	0.00	
5700.00	10.00	260.00	5648.85	-104.05	-590.09	-72.95	0.00	
5800.00	10.00	260.00	5747.33	-107.07	-607.19	-75.07	0.00	
5900.00	10.00	260.00	5845.81	-110.08	-624.29	-77.18	0.00	
5992.97	10.00	260.00	5937.37	-112.88	-640.19	-79.15	0.00	Drop to Vertical
6000.00	9.86	260.00	5944.29	-113.09	-641.39	-79.29	2.00	
6100.00	7.86	260.00	6043.10	-115.77	-656.55	-81.17	2.00	
6200.00	5.86	260.00	6142.38	-117.84	-668.32	-82.62	2.00	
6300.00	3.86	260.00	6242.01	-119.31	-676.66	-83.65	2.00	
6400.00	1.86	260.00	6341.88	-120.18	-681.57	-84.26	2.00	

Blondie 15-3 Fed Com 6H



Well: Blondie 15-3 Fed Com 6H
County: Lea
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 (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6492.97	0.00	260.00	6434.84	-120.44	-683.06	-84.45	2.00	Hold Vertical
6500.00	0.00	0.00	6441.86	-120.44	-683.06	-84.44	0.00	
6600.00	0.00	0.00	6541.86	-120.44	-683.06	-84.44	0.00	
6700.00	0.00	0.00	6641.86	-120.44	-683.06	-84.44	0.00	
6800.00	0.00	0.00	6741.86	-120.44	-683.06	-84.44	0.00	
6900.00	0.00	0.00	6841.86	-120.44	-683.06	-84.44	0.00	
7000.00	0.00	0.00	6941.86	-120.44	-683.06	-84.44	0.00	
7100.00	0.00	0.00	7041.86	-120.44	-683.06	-84.44	0.00	
7200.00	0.00	0.00	7141.86	-120.44	-683.06	-84.44	0.00	
7300.00	0.00	0.00	7241.86	-120.44	-683.06	-84.44	0.00	
7400.00	0.00	0.00	7341.86	-120.44	-683.06	-84.44	0.00	
7500.00	0.00	0.00	7441.86	-120.44	-683.06	-84.44	0.00	
7600.00	0.00	0.00	7541.86	-120.44	-683.06	-84.44	0.00	
7700.00	0.00	0.00	7641.86	-120.44	-683.06	-84.44	0.00	
7800.00	0.00	0.00	7741.86	-120.44	-683.06	-84.44	0.00	
7900.00	0.00	0.00	7841.86	-120.44	-683.06	-84.44	0.00	
8000.00	0.00	0.00	7941.86	-120.44	-683.06	-84.44	0.00	
8100.00	0.00	0.00	8041.86	-120.44	-683.06	-84.44	0.00	
8200.00	0.00	0.00	8141.86	-120.44	-683.06	-84.44	0.00	
8300.00	0.00	0.00	8241.86	-120.44	-683.06	-84.44	0.00	
8400.00	0.00	0.00	8341.86	-120.44	-683.06	-84.44	0.00	
8500.00	0.00	0.00	8441.86	-120.44	-683.06	-84.44	0.00	
8600.00	0.00	0.00	8541.86	-120.44	-683.06	-84.44	0.00	
8700.00	0.00	0.00	8641.86	-120.44	-683.06	-84.44	0.00	
8800.00	0.00	0.00	8741.86	-120.44	-683.06	-84.44	0.00	
8900.00	0.00	0.00	8841.86	-120.44	-683.06	-84.44	0.00	
9000.00	0.00	0.00	8941.86	-120.44	-683.06	-84.44	0.00	
9100.00	0.00	0.00	9041.86	-120.44	-683.06	-84.44	0.00	
9200.00	0.00	0.00	9141.86	-120.44	-683.06	-84.44	0.00	
9300.00	0.00	0.00	9241.86	-120.44	-683.06	-84.44	0.00	
9400.00	0.00	0.00	9341.86	-120.44	-683.06	-84.44	0.00	
9500.00	0.00	0.00	9441.86	-120.44	-683.06	-84.44	0.00	
9600.00	0.00	0.00	9541.86	-120.44	-683.06	-84.44	0.00	
9700.00	0.00	0.00	9641.86	-120.44	-683.06	-84.44	0.00	
9800.00	0.00	0.00	9741.86	-120.44	-683.06	-84.44	0.00	
9900.00	0.00	0.00	9841.86	-120.44	-683.06	-84.44	0.00	
10000.00	0.00	0.00	9941.86	-120.44	-683.06	-84.44	0.00	
10100.00	0.00	0.00	10041.86	-120.44	-683.06	-84.44	0.00	
10200.00	0.00	0.00	10141.86	-120.44	-683.06	-84.44	0.00	
10300.00	0.00	0.00	10241.86	-120.44	-683.06	-84.44	0.00	
10400.00	0.00	0.00	10341.86	-120.44	-683.06	-84.44	0.00	
10500.00	0.00	0.00	10441.86	-120.44	-683.06	-84.44	0.00	
10600.00	0.00	0.00	10541.86	-120.44	-683.06	-84.44	0.00	
10700.00	0.00	0.00	10641.86	-120.44	-683.06	-84.44	0.00	
10800.00	0.00	0.00	10741.86	-120.44	-683.06	-84.44	0.00	
10900.00	0.00	0.00	10841.86	-120.44	-683.06	-84.44	0.00	
11000.00	0.00	0.00	10941.86	-120.44	-683.06	-84.44	0.00	
11093.14	0.00	0.00	11035.00	-120.44	-683.06	-84.44	0.00	Bone Spring 2nd
11100.00	0.00	0.00	11041.86	-120.44	-683.06	-84.44	0.00	
11200.00	0.00	0.00	11141.86	-120.44	-683.06	-84.44	0.00	
11300.00	0.00	0.00	11241.86	-120.44	-683.06	-84.44	0.00	
11400.00	0.00	0.00	11341.86	-120.44	-683.06	-84.44	0.00	
11500.00	0.00	0.00	11441.86	-120.44	-683.06	-84.44	0.00	
11600.00	0.00	0.00	11541.86	-120.44	-683.06	-84.44	0.00	
11700.00	0.00	0.00	11641.86	-120.44	-683.06	-84.44	0.00	
11800.00	0.00	0.00	11741.86	-120.44	-683.06	-84.44	0.00	
11900.00	0.00	0.00	11841.86	-120.44	-683.06	-84.44	0.00	
12000.00	0.00	0.00	11941.86	-120.44	-683.06	-84.44	0.00	
12100.00	0.00	0.00	12041.86	-120.44	-683.06	-84.44	0.00	
12193.14	0.00	0.00	12135.00	-120.44	-683.06	-84.44	0.00	Bone Spring 3rd
12200.00	0.00	0.00	12141.86	-120.44	-683.06	-84.44	0.00	
12300.00	0.00	0.00	12241.86	-120.44	-683.06	-84.44	0.00	
12400.00	0.00	0.00	12341.86	-120.44	-683.06	-84.44	0.00	
12500.00	0.00	0.00	12441.86	-120.44	-683.06	-84.44	0.00	
12545.18	0.00	360.00	12487.04	-120.44	-683.06	-84.45	0.00	KOP
12600.00	5.48	0.00	12541.78	-117.82	-683.06	-81.83	10.00	
12643.62	9.84	0.00	12585.00	-112.01	-683.06	-76.02	10.00	Wolfcamp / Point of Penetration
12700.00	15.48	0.00	12639.99	-99.65	-683.06	-63.68	10.00	
12800.00	25.48	0.00	12733.55	-64.70	-683.06	-28.78	10.00	
12900.00	35.48	0.00	12819.62	-14.04	-683.06	21.81	10.00	

Blondie 15-3 Fed Com 6H



Well: Blondie 15-3 Fed Com 6H

County: Lea

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
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
13000.00	45.48	0.00	12895.58	50.80	-683.06	86.56	10.00	
13100.00	55.48	0.00	12959.13	127.84	-683.06	163.50	10.00	
13200.00	65.48	0.00	13008.34	214.75	-683.06	250.29	10.00	
13300.00	75.48	0.00	13041.71	308.89	-683.06	344.29	10.00	
13400.00	85.48	0.00	13058.22	407.39	-683.06	442.66	10.00	
13445.18	90.00	360.00	13060.00	452.52	-683.06	487.72	10.00	Landing Point
13500.00	90.00	0.00	13060.00	507.34	-683.06	542.47	0.00	
13600.00	90.00	0.00	13060.00	607.34	-683.06	642.34	0.00	
13700.00	90.00	0.00	13060.00	707.34	-683.06	742.20	0.00	
13800.00	90.00	0.00	13060.00	807.34	-683.06	842.06	0.00	
13900.00	90.00	0.00	13060.00	907.34	-683.06	941.92	0.00	
14000.00	90.00	0.00	13060.00	1007.34	-683.06	1041.78	0.00	
14100.00	90.00	0.00	13060.00	1107.34	-683.06	1141.65	0.00	
14200.00	90.00	0.00	13060.00	1207.34	-683.06	1241.51	0.00	
14300.00	90.00	0.00	13060.00	1307.34	-683.06	1341.37	0.00	
14400.00	90.00	0.00	13060.00	1407.34	-683.06	1441.23	0.00	
14500.00	90.00	0.00	13060.00	1507.34	-683.06	1541.10	0.00	
14600.00	90.00	0.00	13060.00	1607.34	-683.06	1640.96	0.00	
14700.00	90.00	0.00	13060.00	1707.34	-683.06	1740.82	0.00	
14800.00	90.00	0.00	13060.00	1807.34	-683.06	1840.68	0.00	
14900.00	90.00	0.00	13060.00	1907.34	-683.06	1940.55	0.00	
15000.00	90.00	0.00	13060.00	2007.34	-683.06	2040.41	0.00	
15100.00	90.00	0.00	13060.00	2107.34	-683.06	2140.27	0.00	
15200.00	90.00	0.00	13060.00	2207.34	-683.06	2240.13	0.00	
15300.00	90.00	0.00	13060.00	2307.34	-683.06	2340.00	0.00	
15400.00	90.00	0.00	13060.00	2407.34	-683.06	2439.86	0.00	
15500.00	90.00	0.00	13060.00	2507.34	-683.06	2539.72	0.00	
15600.00	90.00	0.00	13060.00	2607.34	-683.06	2639.58	0.00	
15700.00	90.00	0.00	13060.00	2707.34	-683.06	2739.44	0.00	
15800.00	90.00	0.00	13060.00	2807.34	-683.06	2839.31	0.00	
15900.00	90.00	0.00	13060.00	2907.34	-683.06	2939.17	0.00	
16000.00	90.00	0.00	13060.00	3007.34	-683.06	3039.03	0.00	
16100.00	90.00	0.00	13060.00	3107.34	-683.06	3138.89	0.00	
16200.00	90.00	0.00	13060.00	3207.34	-683.06	3238.76	0.00	
16300.00	90.00	0.00	13060.00	3307.34	-683.06	3338.62	0.00	
16400.00	90.00	0.00	13060.00	3407.34	-683.06	3438.48	0.00	
16500.00	90.00	0.00	13060.00	3507.34	-683.06	3538.34	0.00	
16600.00	90.00	0.00	13060.00	3607.34	-683.06	3638.21	0.00	
16700.00	90.00	0.00	13060.00	3707.34	-683.06	3738.07	0.00	
16800.00	90.00	0.00	13060.00	3807.34	-683.06	3837.93	0.00	
16900.00	90.00	0.00	13060.00	3907.34	-683.07	3937.79	0.00	
17000.00	90.00	0.00	13060.00	4007.34	-683.07	4037.65	0.00	
17100.00	90.00	0.00	13060.00	4107.34	-683.07	4137.52	0.00	
17200.00	90.00	0.00	13060.00	4207.34	-683.07	4237.38	0.00	
17300.00	90.00	0.00	13060.01	4307.34	-683.07	4337.24	0.00	
17400.00	90.00	0.00	13060.01	4407.34	-683.07	4437.10	0.00	
17500.00	90.00	0.00	13060.01	4507.34	-683.07	4536.97	0.00	
17600.00	90.00	0.00	13060.01	4607.34	-683.07	4636.83	0.00	
17700.00	90.00	0.00	13060.01	4707.34	-683.07	4736.69	0.00	
17800.00	90.00	0.00	13060.01	4807.34	-683.07	4836.55	0.00	
17900.00	90.00	0.00	13060.01	4907.34	-683.07	4936.42	0.00	
18000.00	90.00	0.00	13060.01	5007.34	-683.07	5036.28	0.00	
18100.00	90.00	0.00	13060.01	5107.34	-683.07	5136.14	0.00	
18200.00	90.00	0.00	13060.01	5207.34	-683.07	5236.00	0.00	
18300.00	90.00	0.00	13060.01	5307.34	-683.07	5335.86	0.00	
18400.00	90.00	0.00	13060.01	5407.34	-683.07	5435.73	0.00	
18500.00	90.00	0.00	13060.01	5507.34	-683.07	5535.59	0.00	
18600.00	90.00	0.00	13060.01	5607.34	-683.07	5635.45	0.00	
18700.00	90.00	0.00	13060.01	5707.34	-683.07	5735.31	0.00	
18800.00	90.00	0.00	13060.01	5807.34	-683.07	5835.18	0.00	
18900.00	90.00	0.00	13060.01	5907.34	-683.07	5935.04	0.00	
19000.00	90.00	0.00	13060.01	6007.34	-683.07	6034.90	0.00	
19100.00	90.00	0.00	13060.01	6107.34	-683.07	6134.76	0.00	
19200.00	90.00	0.00	13060.01	6207.34	-683.07	6234.63	0.00	
19300.00	90.00	0.00	13060.01	6307.34	-683.07	6334.49	0.00	
19400.00	90.00	0.00	13060.01	6407.34	-683.07	6434.35	0.00	
19500.00	90.00	0.00	13060.01	6507.34	-683.07	6534.21	0.00	
19600.00	90.00	0.00	13060.01	6607.34	-683.07	6634.07	0.00	
19700.00	90.00	0.00	13060.01	6707.34	-683.07	6733.94	0.00	
19800.00	90.00	0.00	13060.01	6807.34	-683.07	6833.80	0.00	

Blondie 15-3 Fed Com 6H



Well: Blondie 15-3 Fed Com 6H
County: Lea
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 (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
19900.00	90.00	0.00	13060.01	6907.34	-683.07	6933.66	0.00	
20000.00	90.00	0.00	13060.01	7007.34	-683.07	7033.52	0.00	
20100.00	90.00	0.00	13060.01	7107.34	-683.07	7133.39	0.00	
20200.00	90.00	0.00	13060.01	7207.34	-683.07	7233.25	0.00	
20300.00	90.00	0.00	13060.01	7307.34	-683.07	7333.11	0.00	
20400.00	90.00	0.00	13060.01	7407.34	-683.07	7432.97	0.00	
20500.00	90.00	0.00	13060.01	7507.34	-683.07	7532.84	0.00	
20600.00	90.00	0.00	13060.01	7607.34	-683.07	7632.70	0.00	
20700.00	90.00	0.00	13060.01	7707.34	-683.08	7732.56	0.00	
20800.00	90.00	0.00	13060.01	7807.34	-683.08	7832.42	0.00	
20900.00	90.00	0.00	13060.01	7907.34	-683.08	7932.29	0.00	
21000.00	90.00	0.00	13060.01	8007.34	-683.08	8032.15	0.00	
21100.00	90.00	0.00	13060.01	8107.34	-683.08	8132.01	0.00	
21200.00	90.00	0.00	13060.01	8207.34	-683.08	8231.87	0.00	
21300.00	90.00	0.00	13060.01	8307.34	-683.08	8331.73	0.00	
21400.00	90.00	0.00	13060.01	8407.34	-683.08	8431.60	0.00	
21500.00	90.00	0.00	13060.01	8507.34	-683.08	8531.46	0.00	
21600.00	90.00	0.00	13060.01	8607.34	-683.08	8631.32	0.00	
21700.00	90.00	0.00	13060.01	8707.34	-683.08	8731.18	0.00	
21800.00	90.00	0.00	13060.01	8807.34	-683.08	8831.05	0.00	
21900.00	90.00	0.00	13060.01	8907.34	-683.08	8930.91	0.00	
22000.00	90.00	0.00	13060.01	9007.34	-683.08	9030.77	0.00	
22100.00	90.00	0.00	13060.01	9107.34	-683.08	9130.63	0.00	
22200.00	90.00	0.00	13060.01	9207.34	-683.08	9230.50	0.00	
22300.00	90.00	0.00	13060.01	9307.34	-683.08	9330.36	0.00	
22400.00	90.00	0.00	13060.01	9407.34	-683.08	9430.22	0.00	
22500.00	90.00	0.00	13060.01	9507.34	-683.08	9530.08	0.00	
22600.00	90.00	0.00	13060.01	9607.34	-683.08	9629.94	0.00	
22700.00	90.00	0.00	13060.01	9707.34	-683.08	9729.81	0.00	
22800.00	90.00	0.00	13060.01	9807.34	-683.08	9829.67	0.00	
22900.00	90.00	0.00	13060.01	9907.34	-683.08	9929.53	0.00	
23000.00	90.00	0.00	13060.01	10007.34	-683.08	10029.39	0.00	
23100.00	90.00	0.00	13060.01	10107.34	-683.08	10129.26	0.00	
23200.00	90.00	0.00	13060.01	10207.34	-683.08	10229.12	0.00	
23300.00	90.00	0.00	13060.01	10307.34	-683.08	10328.98	0.00	
23400.00	90.00	0.00	13060.01	10407.34	-683.08	10428.84	0.00	
23500.00	90.00	0.00	13060.01	10507.34	-683.08	10528.71	0.00	
23600.00	90.00	0.00	13060.01	10607.34	-683.08	10628.57	0.00	
23700.00	90.00	0.00	13060.01	10707.34	-683.08	10728.43	0.00	
23800.00	90.00	0.00	13060.01	10807.34	-683.08	10828.29	0.00	
23900.00	90.00	0.00	13060.01	10907.34	-683.08	10928.15	0.00	
24000.00	90.00	0.00	13060.01	11007.34	-683.08	11028.02	0.00	
24100.00	90.00	0.00	13060.01	11107.34	-683.08	11127.88	0.00	
24200.00	90.00	0.00	13060.01	11207.34	-683.08	11227.74	0.00	
24300.00	90.00	0.00	13060.01	11307.34	-683.08	11327.60	0.00	
24400.00	90.00	0.00	13060.01	11407.34	-683.09	11427.47	0.00	
24500.00	90.00	0.00	13060.01	11507.34	-683.09	11527.33	0.00	
24600.00	90.00	0.00	13060.01	11607.34	-683.09	11627.19	0.00	
24700.00	90.00	0.00	13060.01	11707.34	-683.09	11727.05	0.00	
24800.00	90.00	0.00	13060.02	11807.34	-683.09	11826.92	0.00	
24900.00	90.00	0.00	13060.02	11907.34	-683.09	11926.78	0.00	
25000.00	90.00	0.00	13060.02	12007.34	-683.09	12026.64	0.00	
25100.00	90.00	0.00	13060.02	12107.34	-683.09	12126.50	0.00	
25200.00	90.00	0.00	13060.02	12207.34	-683.09	12226.37	0.00	
25300.00	90.00	0.00	13060.02	12307.34	-683.09	12326.23	0.00	
25400.00	90.00	0.00	13060.02	12407.34	-683.09	12426.09	0.00	
25500.00	90.00	0.00	13060.02	12507.34	-683.09	12525.95	0.00	
25600.00	90.00	0.00	13060.02	12607.34	-683.09	12625.81	0.00	
25700.00	90.00	0.00	13060.02	12707.34	-683.09	12725.68	0.00	
25800.00	90.00	0.00	13060.02	12807.34	-683.09	12825.54	0.00	
25900.00	90.00	0.00	13060.02	12907.34	-683.09	12925.40	0.00	
25915.87	90.00	0.00	13060.02	12923.21	-683.09	12941.25	0.00	Exit #####
25995.87	90.00	360.00	13060.00	13003.21	-683.06	13021.14	0.00	BHL #####

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1. Geologic Formations

TVD of target	13060	Pilot hole depth	N/A
MD at TD:	25996	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	935		
Salt	1335		
Base of Salt	5135		
Delaware	5335		
Bone Spring 2nd	11035		
Bone Spring 3rd	12135		
Wolfcamp	12585		

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

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2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	STC	0	960	0	960
9 7/8	8 5/8	32	P110	TLW	0	12135	0	12135
7 7/8	5 1/2	17	P110	BTC	0	25996	0	13060

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

3. Cementing Program (Primary Design)

Casing	# Sks	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	733	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	500	Surf	9	3.27	Lead: Class C Cement + additives
	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	500	Surf	9	3.27	Lead: Class C Cement + additives
	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	117	10545	9	3.27	Lead: Class H / C + additives
	1780	12545	13.2	1.44	Tail: Class H / C + additives

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

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4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:	
Int 1		13-5/8"	5M	Annular		X	50% of rated working pressure
				Blind Ram		X	5M
				Pipe Ram			
				Double Ram		X	
				Other*			
Production		13-5/8"	5M	Annular (5M)		X	100% of rated working pressure
				Blind Ram		X	10M
				Pipe Ram			
				Double Ram		X	
				Other*			
				Annular (5M)			
				Blind Ram			
				Pipe Ram			
				Double Ram			
				Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.						
Y	A variance is requested to run a 5 M annular on a 10M system						

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5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
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
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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	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	7131
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	H ₂ S is present
Y	H ₂ S 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

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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).
- 3 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 nipped 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

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 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

CONDITIONS

Action 22402

CONDITIONS OF APPROVAL

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	22402	Action Type:	C-103A
OCD Reviewer	Condition								
pkautz	None								