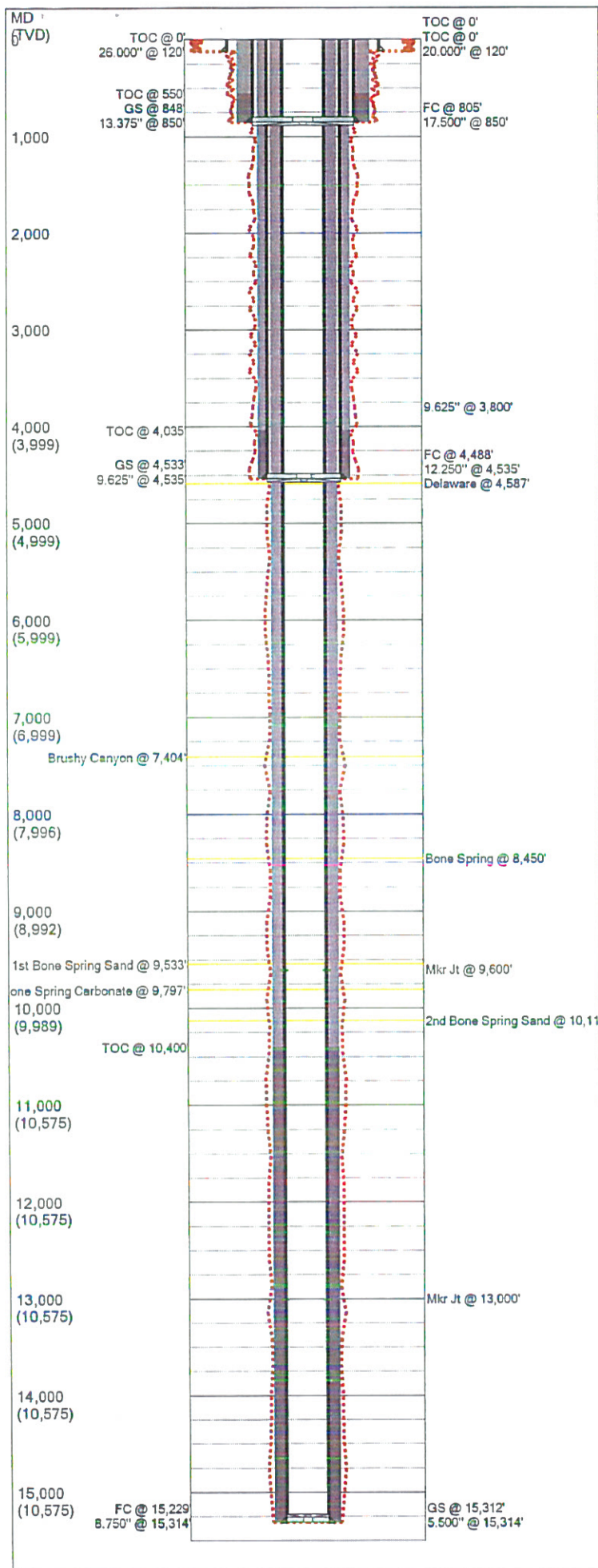




Last Updated: 5/9/2018 06:07 PM

PRIDE ENERGY COMPANY

Field Name		Lease Name		Well No.
Paduca		Paduca 16 State		503H
County		State		API No.
Lea		New Mexico		30025444910000
Version	Version Tag			
1		Planned		
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
3,435.0	3,457.0	16	25S	32E
Operator		Well Status	Latitude	Longitude
Pride Energy		Planned	32.137124	-103.681922
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
200	FNL	2069	FWL	SECTION
Prop Num			Spud Date	Comp. Date
320708				
Additional Information				
OGRID	Pool Name and Code		Well Type	Dedicated Acres
151323	Mesa Verde; Bone Spring (96229)		Horizontal; Oil	160
Prepared By		Updated By		Last Updated
Steve Morris		Steve Morris		5/9/2018 6:07 PM

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill solids <2%
	8.750	4,535	15,314	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Conductor Casing	20.000	94.00	H40	0	120
	Surface Casing	13.375	48.00	H40	0	850
	Intermediate Casing	9.625	40.00	J55	0	3,800
	Intermediate Casing	9.625	40.00	L80	3,800	4,535
	Production Casing	5.500	20.00	P110	0	15,314

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		545	13.375	0	550	100% Excess
		308	13.375	550	850	100% Excess
		1,182	9.625	0	4,035	75% Excess
		202	9.625	4,035	4,535	75% Excess
		1,883	5.500	0	10,400	100% Excess
		1,143	5.500	10,400	15,314	100% Excess

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	FC	13.375	0.000	805	0
	GS	13.375	0.000	848	0
	FC	9.625	0.000	4,488	0
	GS	9.625	0.000	4,533	0
	Mkr Jt	5.500	0.000	9,600	9,621
	Mkr Jt	5.500	0.000	13,000	13,021

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	FC	5.500	0.000	15,229	0
	GS	5.500	0.000	15,312	0

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
Bone Spring	8,450	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	

Field Name		Lease Name		Well No.	County		State	API No.		
Paduca		Paduca 16 State		503H	Lea		New Mexico		30025444910000	
Version	Version Tag				Spud Date		Comp. Date	GL (ft)	KB (ft)	
1	Planned							3,435.0	3,457.0	
Section	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
16	25S		32E		200	FNL	2,069	FWL	SECTION	
Operator			Well Status			Latitude		Longitude		Prop Num
Pride Energy			Planned			32.137124		-103.681922		320708
OGRID		Pool Name and Code			Well Type			Dedicated Acres		
151323		Mesa Verde; Bone Spring (96229)			Horizontal; Oil			160		
Last Updated		Prepared By				Updated By				
05/09/2018 6:07 PM		Steve Morris				Steve Morris				
Additional Information										

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill solids <2%
	8.750	4,535	15,314	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Conductor Casing	3	20.000	94.00	H40		0	120	
	Surface Casing	20	13.375	48.00	H40	STC	0	850	
	Intermediate Casing	95	9.625	40.00	J55	LTC	0	3,800	
	Intermediate Casing	18	9.625	40.00	L80	LTC	3,800	4,535	
	Production Casing	364	5.500	20.00	P110	BTC	0	15,314	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		545	1.68	916	13.375	0	550	13.7ppg ExtendaCem CZ + 0.125lbm Poly-E-Flake + 3lbm Kol-Seal	100% Excess
		308	1.35	416	13.375	550	850	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	100% Excess
		1,182	1.87	2,210	9.625	0	4,035	12.9ppg Class C EconoCem HLC	75% Excess
		202	1.35	273	9.625	4,035	4,535	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	75% Excess
		1,883	2.79	5,254	5.500	0	10,400	11.5ppg EconoCem H + 0.25lbm D-Air 5000 + 0.05% SA-1015 + 0.65% HR-601	100% Excess
		1,143	2.16	2,469	5.500	10,400	15,314	14.5ppg NeoCem AS	100% Excess

Tools/Problems Summary

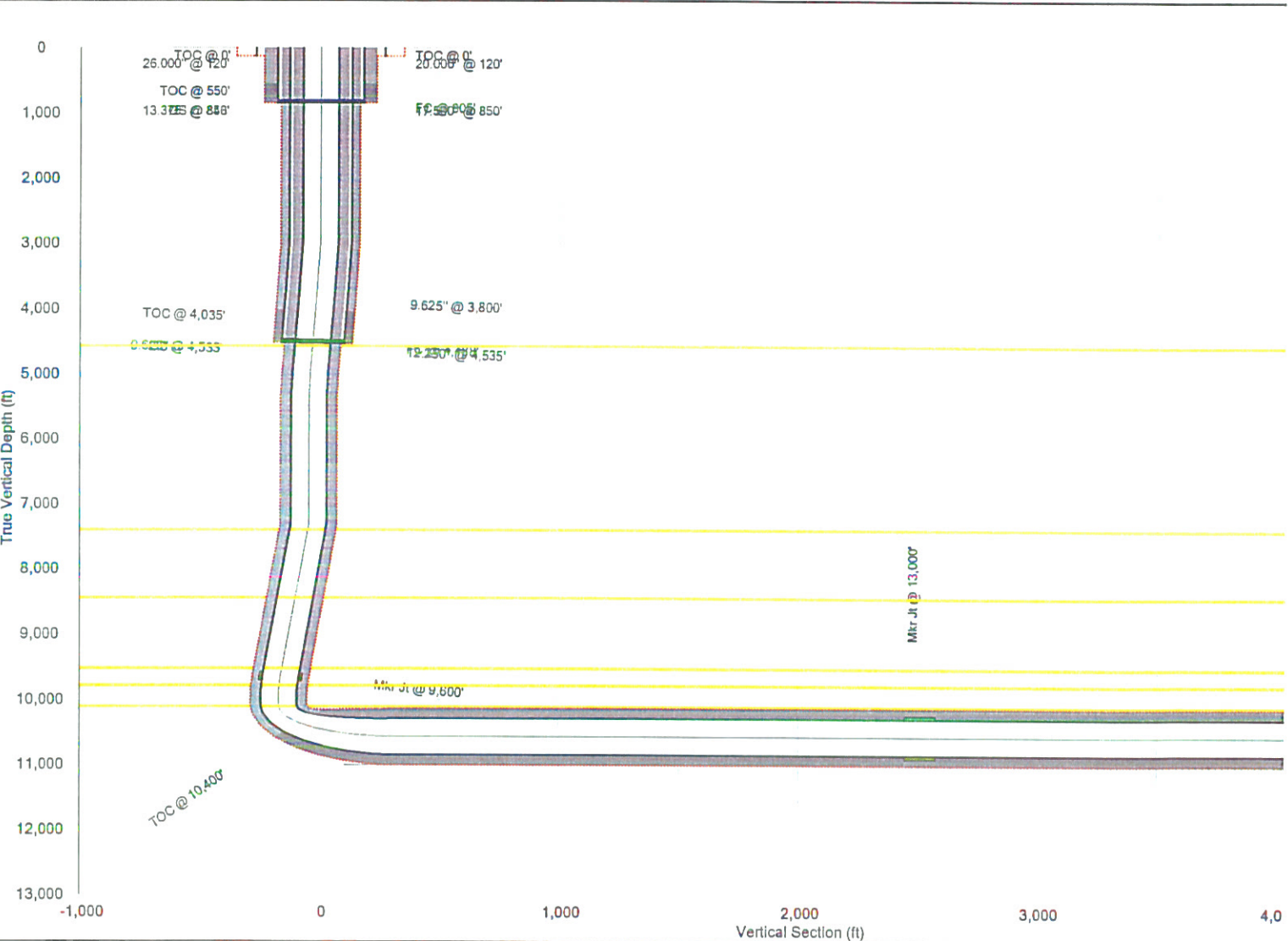
Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Float Collar	13.375	0.000	805	0		
	Guide Shoe	13.375	0.000	848	0		
	Float Collar	9.625	0.000	4,488	0		
	Guide Shoe	9.625	0.000	4,533	0		
	Marker Joint	5.500	0.000	9,600	9,621		
	Marker Joint	5.500	0.000	13,000	13,021		
	Float Collar	5.500	0.000	15,229	0		
	Guide Shoe	5.500	0.000	15,312	0		

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
Bone Spring	8,450	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	

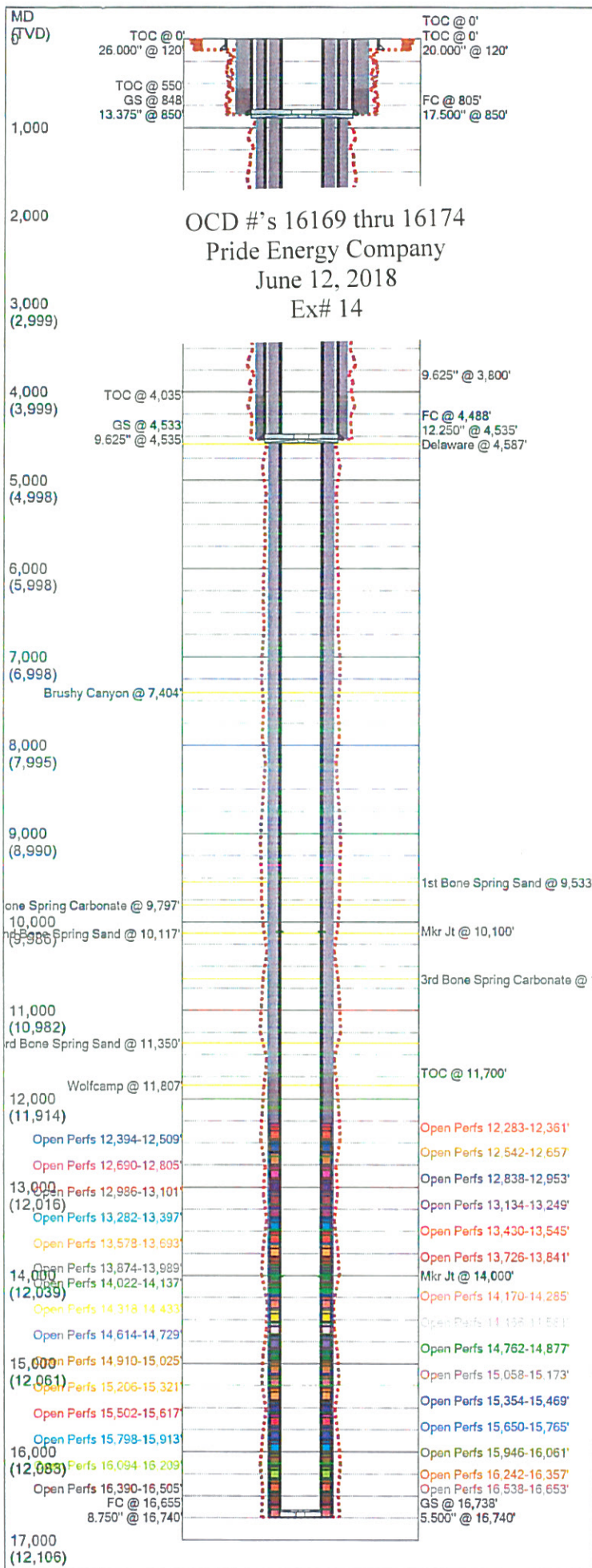
Field Name		Lease Name				Well No.		County	State
Paduca		Paduca 16 State				503H		Lea	New M
Version	Version Tag					Spud Date		Comp. Date	G.L. (
1	Planned								3,435.
Sec.	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	Latitu	
16	25S	32E	200	FNL	2069	FWL		32.13'	
Well Status		PropNum	Operator		Last Updated			Prepared By	
Planned		320708	Pride Energy		5/9/2018 6:07:36 PM			Steve Morris	

Additional Information



Field Name		Lease Name	Well No.	API No.	Version	Version Tag	
Paduca		Paduca 16 State	503H	30025444910000	1	Planned	
Section	Township/Block	Range/Survey	County	State		GL (ft)	KB (ft)
16	25S	32E	Lea	New Mexico		3,435.0	3,457.0
Target N (-S) (ft)	Target E (-W) (ft)	Latitude	Longitude	Operator	Well Status		
0	0	32.137124	-103.681922	Pride Energy	Planned		
Additional Information							

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
1,000.0	0.0	0.0	1,000.0	0.0	0.0	0.0	0.00
2,000.0	0.0	0.0	2,000.0	0.0	0.0	0.0	0.00
3,000.0	0.0	0.0	3,000.0	0.0	0.0	0.0	0.00
3,100.0	2.0	50.0	3,100.0	-1.1	1.1	1.3	2.00
4,000.0	2.0	50.0	3,999.4	-19.9	21.3	25.4	0.00
5,000.0	2.0	50.0	4,998.8	-40.9	43.7	52.1	0.00
5,200.0	2.0	50.0	5,198.7	-45.1	48.2	57.5	0.00
5,300.0	0.5	50.0	5,298.7	-46.4	49.6	59.2	1.50
5,333.3	0.0	0.0	5,332.0	-46.5	49.7	59.3	1.50
6,000.0	0.0	0.0	5,998.7	-46.5	49.7	59.3	0.00
7,000.0	0.0	0.0	6,998.7	-46.5	49.7	59.3	0.00
7,200.0	0.0	0.0	7,198.7	-46.5	49.7	59.3	0.00
7,300.0	2.0	52.6	7,298.7	-47.5	50.8	60.7	2.00
7,400.0	4.0	52.6	7,398.5	-50.5	54.0	64.8	2.00
7,450.0	5.0	52.6	7,448.3	-52.7	56.4	67.9	2.00
8,000.0	5.0	52.6	7,996.3	-79.7	85.5	106.0	0.00
9,000.0	5.0	52.6	8,992.5	-128.9	138.5	175.2	0.00
9,674.8	5.0	52.6	9,664.7	-162.2	174.2	221.9	0.00
9,700.0	4.6	52.6	9,689.8	-163.3	175.5	223.6	1.50
9,800.0	3.1	52.6	9,789.6	-167.2	179.6	228.9	1.50
9,900.0	1.6	52.6	9,889.5	-169.5	182.1	232.2	1.50
10,008.1	0.0	0.0	9,997.5	-170.4	183.0	233.4	1.50
10,108.1	0.0	0.0	10,097.5	-170.4	183.0	233.4	0.00
10,125.0	2.0	179.8	10,114.5	-170.1	182.7	233.4	12.00
10,200.0	11.0	179.8	10,188.9	-161.5	174.2	233.5	12.00
10,300.0	23.0	179.8	10,284.3	-132.3	145.0	233.6	12.00
10,400.0	35.0	179.8	10,371.6	-84.0	96.5	233.8	12.00
10,500.0	47.0	179.8	10,446.9	-18.5	31.0	234.0	12.00
10,600.0	59.0	179.8	10,506.9	61.1	-48.8	234.4	12.00
10,700.0	71.0	179.8	10,549.1	151.5	-139.2	234.7	12.00
10,800.0	83.0	179.8	10,571.5	248.7	-236.5	235.1	12.00
10,858.1	90.0	179.8	10,575.0	306.5	-294.4	235.3	12.00
15,314.5	90.0	179.8	10,575.0	4,757.6	-4,750.8	252.9	0.00



Last Updated: 5/25/2018 07:14 AM

PRIDE ENERGY COMPANY

Field Name		Lease Name		Well No.		
Paduca		Paduca 16 State		701H		
County		State		API No.		
Lea		New Mexico		30025444530000		
Version	Version Tag					
1	Planned					
GL (ft)	KB (ft)	Section	Township/Block		Range/Survey	
3,427.0	3,449.0	1	25S		32E	
Operator		Well Status		Latitude	Longitude	
Pride Energy		Planned		32.137098	-103.686263	
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		
200	FNL	725	FWL	SECTION		
Prop Num			Spud Date		Comp. Date	
320708						
Additional Information						
OGRID		Pool Name and Code		Well Type	Dedicated Acres	
151323		WC-025 G-07 S253216D; UPPER WOLFCAMP (98270)		Horizontal; Oil	160	
Prepared By		Updated By		Last Updated		
Steve Morris		Steve Morris		5/25/2018 7:14 AM		
Hole Summary						
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments		
	26.000	0	120			
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%		
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill olids <2%		
	8.750	4,535	16,740	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%		
Tubular Summary						
Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Conductor Casing	20.000	94.00	H40	0	120
	Surface Casing	13.375	48.00	H40	0	850
	Intermediate Casing	9.625	40.00	J55	0	3,800
	Intermediate Casing	9.625	40.00	L80	3,800	4,535
	Production Casing	5.500	20.00	P110	0	16,740
Casing Cement Summary						
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		545	13.375	0	550	100% Excess
		308	13.375	550	850	100% Excess
		1,182	9.625	0	4,035	75% Excess
		202	9.625	4,035	4,535	75% Excess
		2,118	5.500	0	11,700	100% Excess
		1,179	5.500	11,700	16,740	100% Excess
Tools/Problems Summary						
Date	Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	FC		13.375	0.000	805	0
	GS		13.375	0.000	848	0
	FC		9.625	0.000	4,488	0
	GS		9.625	0.000	4,533	0

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	Mkr Jt	5.500	0.000	10,100	10,121
	Mkr Jt	5.500	0.000	14,000	14,021
	FC	5.500	0.000	16,655	0
	GS	5.500	0.000	16,738	0

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)
		Open	Wolfcamp	12283	12,361
		Open	Wolfcamp	12394	12,509
		Open	Wolfcamp	12542	12,657
		Open	Wolfcamp	12690	12,805
		Open	Wolfcamp	12838	12,953
		Open	Wolfcamp	12986	13,101
		Open	Wolfcamp	13134	13,249
		Open	Wolfcamp	13282	13,397
		Open	Wolfcamp	13430	13,545
		Open	Wolfcamp	13578	13,693
		Open	Wolfcamp	13726	13,841
		Open	Wolfcamp	13874	13,989
		Open	Wolfcamp	14022	14,137
		Open	Wolfcamp	14170	14,285
		Open	Wolfcamp	14318	14,433
		Open	Wolfcamp	14466	14,581
		Open	Wolfcamp	14614	14,729
		Open	Wolfcamp	14762	14,877
		Open	Wolfcamp	14910	15,025
		Open	Wolfcamp	15058	15,173
		Open	Wolfcamp	15206	15,321
		Open	Wolfcamp	15354	15,469
		Open	Wolfcamp	15502	15,617
		Open	Wolfcamp	15650	15,765
		Open	Wolfcamp	15798	15,913
		Open	Wolfcamp	15946	16,061
		Open	Wolfcamp	16094	16,209
		Open	Wolfcamp	16242	16,357
		Open	Wolfcamp	16390	16,505
		Open	Wolfcamp	16538	16,653

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	
3rd Bone Spring Carbonate	10,627	
3rd Bone Spring Sand	11,350	
Wolfcamp	11,807	

Field Name		Lease Name		Well No.	County	State		API No.	
Paduca		Paduca 16 State		701H	Lea	New Mexico		30025444530000	
Version	Version Tag				Spud Date		Comp. Date	GL (ft)	KB (ft)
1 Planned								3,427.0	3,449.0
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		
1	25S	32E	200	FNL	725	FWL	SECTION		
Operator			Well Status		Latitude		Longitude		Prop Num
Pride Energy			Planned		32.137098		-103.686263		320708
OGRID		Pool Name and Code		Well Type			Dedicated Acres		
151323		WC-025 G-07 S253216D; UPPER WOLFCAMP (98270)		Horizontal; Oil			160		
Last Updated		Prepared By			Updated By				
05/25/2018 7:14 AM		Steve Morris			Steve Morris				

Additional Information

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill solids <2%
	8.750	4,535	16,740	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Conductor Casing	3	20.000	94.00	H40		0	120	
	Surface Casing	20	13.375	48.00	H40	STC	0	850	
	Intermediate Casing	95	9.625	40.00	J55	LTC	0	3,800	
	Intermediate Casing	18	9.625	40.00	L80	LTC	3,800	4,535	
	Production Casing	408	5.500	20.00	P110	BTC	0	16,740	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		545	1.68	916	13.375	0	550	13.7ppg ExtendaCem CZ + 0.125lbm Poly-E-Flake + 3lbm Kol-Seal	100% Excess
		308	1.35	416	13.375	550	850	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	100% Excess
		1,182	1.87	2,210	9.625	0	4,035	12.9ppg Class C EconoCem HLC	75% Excess
		202	1.35	273	9.625	4,035	4,535	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	75% Excess
		2,118	2.79	5,909	5.500	0	11,700	11.5ppg EconoCem H + 0.25lbm D-Air 5000 + 0.05% SA-1015 + 0.65% HR-601	100% Excess
		1,179	2.16	2,547	5.500	11,700	16,740	14.5ppg NeoCem AS	100% Excess

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Float Collar	13.375	0.000	805	0		
	Guide Shoe	13.375	0.000	848	0		
	Float Collar	9.625	0.000	4,488	0		
	Guide Shoe	9.625	0.000	4,533	0		
	Marker Joint	5.500	0.000	10,100	10,121		
	Marker Joint	5.500	0.000	14,000	14,021		
	Float Collar	5.500	0.000	16,655	0		
	Guide Shoe	5.500	0.000	16,738	0		

Perforation Summary

C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 30 Pump 9bbls Slick Water, 27bbls 15% HCl, 65bbls Spacer, 9bbls Rhino Nano, 446bbls Pad, 129,235lbs 40/70 white sand, 12,825lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12357	12,361	8	32	60	
	12320	12,324	8	32	60	
	12283	12,287	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 29 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12505	12,509	8	32	60	
	12468	12,472	8	32	60	
	12431	12,435	8	32	60	
	12394	12,398	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 28 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12653	12,657	8	32	60	
	12616	12,620	8	32	60	
	12579	12,583	8	32	60	
	12542	12,546	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 27 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12801	12,805	8	32	60	
	12764	12,768	8	32	60	
	12727	12,731	8	32	60	
	12690	12,694	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 26 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12949	12,953	8	32	60	
	12912	12,916	8	32	60	
	12875	12,879	8	32	60	
	12838	12,842	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 25 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13097	13,101	8	32	60	
	13060	13,064	8	32	60	
	13023	13,027	8	32	60	
	12986	12,990	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 24 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13245	13,249	8	32	60	
	13208	13,212	8	32	60	

C	Date	Perf. Status	Formation		Closed Date	Comments	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Comments
	13171	13,175		8	32	60	
	13134	13,138		8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments	
		Open	Wolfcamp			Stage 23 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Comments
	13393	13,397		8	32	60	
	13356	13,360		8	32	60	
	13319	13,323		8	32	60	
	13282	13,286		8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments	
		Open	Wolfcamp			Stage 22 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Comments
	13541	13,545		8	32	60	
	13504	13,508		8	32	60	
	13467	13,471		8	32	60	
	13430	13,434		8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments	
		Open	Wolfcamp			Stage 21 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Comments
	13689	13,693		8	32	60	
	13652	13,656		8	32	60	
	13615	13,619		8	32	60	
	13578	13,582		8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments	
		Open	Wolfcamp			Stage 20 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Comments
	13726	13,730		8	32	60	
	13763	13,767		8	32	60	
	13800	13,804		8	32	60	
	13837	13,841		8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments	
		Open	Wolfcamp			Stage 19 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Comments
	13985	13,989		8	32	60	
	13948	13,952		8	32	60	
	13911	13,915		8	32	60	
	13874	13,878		8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments	
		Open	Wolfcamp			Stage 18 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Comments
	14133	14,137		8	32	60	
	14093	14,097		8	32	60	
	14059	14,063		8	32	60	
	14022	14,026		8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments	

C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 17 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14281		14,285	8	32	60	
14244		14,248	8	32	60	
14207		14,211	8	32	60	
14170		14,174	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 16 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14429		14,433	8	32	60	
14392		14,396	8	32	60	
14355		14,359	8	32	60	
14318		14,322	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 15 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14577		14,581	8	32	60	
14540		14,544	8	32	60	
14503		14,507	8	32	60	
14466		14,470	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 14 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14725		14,729	8	32	60	
14688		14,692	8	32	60	
14651		14,655	8	32	60	
14614		14,618	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 13 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14873		14,877	8	32	60	
14836		14,840	8	32	60	
14799		14,803	8	32	60	
14762		14,766	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 12 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15021		15,025	8	32	60	
14984		14,988	8	32	60	
14947		14,951	8	32	60	
14910		14,914	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 11 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15169		15,173	8	32	60	
15132		15,136	8	32	60	

C	Date	Perf. Status	Formation	Closed Date	Comments	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15095	15,099	8	32	60	
	15058	15,062	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 10 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15317	15,321	8	32	60	
	15280	15,284	8	32	60	
	15243	15,247	8	32	60	
	15206	15,210	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 9 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15465	15,469	8	32	60	
	15428	15,432	8	32	60	
	15391	15,395	8	32	60	
	15354	15,358	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 8 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15613	15,617	8	32	60	
	15576	15,580	8	32	60	
	15539	15,543	8	32	60	
	15502	15,506	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 7 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15761	15,765	8	32	60	
	15724	15,728	8	32	60	
	15687	15,691	8	32	60	
	15650	15,654	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 6 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15909	15,913	8	32	60	
	15872	15,876	8	32	60	
	15835	15,839	8	32	60	
	15798	15,802	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 5 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	16057	16,061	8	32	60	
	16020	16,024	8	32	60	
	15983	15,987	8	32	60	
	15946	15,950	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	

C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 4 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16205		16,209	8	32	60	
16168		16,172	8	32	60	
16131		16,135	8	32	60	
16094		16,098	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 3 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16353		16,357	8	32	60	
16316		16,320	8	32	60	
16279		16,283	8	32	60	
16242		16,246	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 2 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16501		16,505	8	32	60	
16464		16,468	8	32	60	
16427		16,431	8	32	60	
16390		16,394	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 1 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16649		16,653	8	32	60	
16612		16,616	8	32	60	
16575		16,579	8	32	60	
16538		16,542	8	32	60	

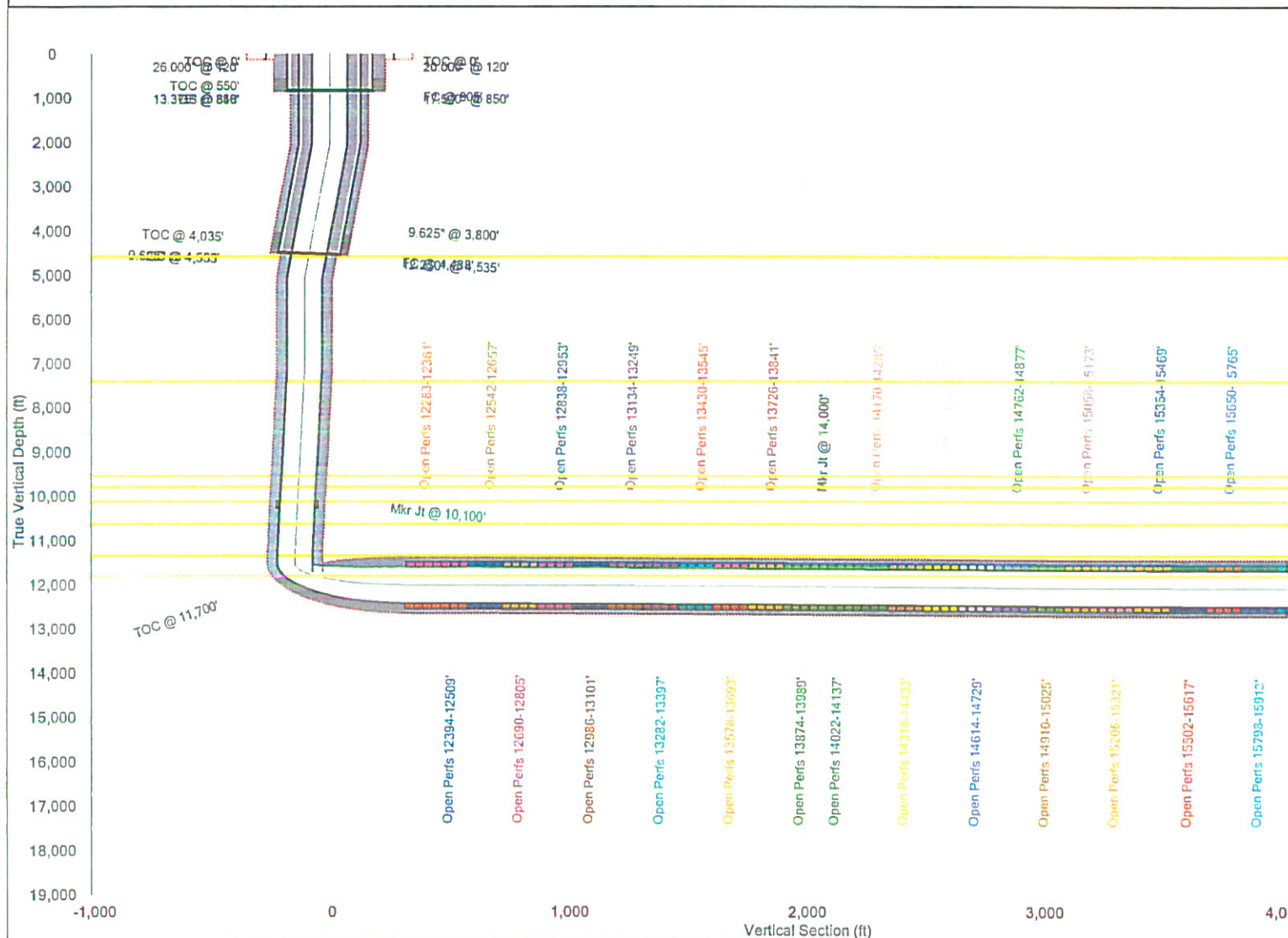
Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	
3rd Bone Spring Carbonate	10,627	
3rd Bone Spring Sand	11,350	
Wolfcamp	11,807	

Last Updated: 5/25/2018 07:14 AM

Field Name			Lease Name				Well No.		County		State
Paduca			Paduca 16 State				701H		Lea		New M
Version	Version Tag						Spud Date		Comp. Date		G.L. (f
1	Planned										3,427.
Sec.	Township/Block		Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		Latitu	
1	25S		32E	200	FNL	725	FWL			32.13'	
Well Status		PropNum		Operator		Last Updated				Prepared By	
Planned		320708		Pride Energy		5/25/2018 7:14:08 AM				Steve Morris	

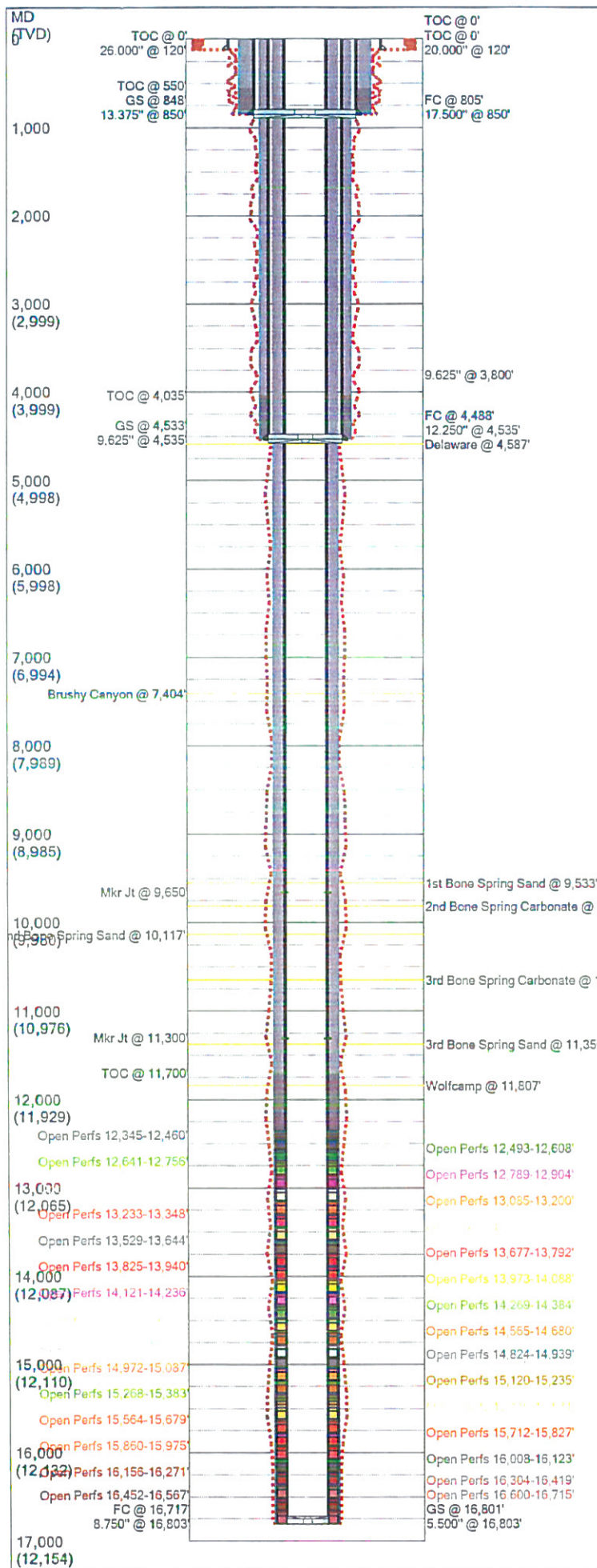
Additional Information



Field Name		Lease Name	Well No.	API No.	Version	Version Tag	
Paduca		Paduca 16 State	701H	30025444530000	1	Planned	
Section	Township/Block	Range/Survey	County	State		GL (ft)	KB (ft)
1	25S	32E	Lea	New Mexico		3,427.0	3,449.0
Target N (-S) (ft)	Target E (-W) (ft)	Latitude	Longitude	Operator		Well Status	
0	0	32.137098	-103.686263	Pride Energy		Planned	
Additional Information							

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
1,000.0	0.0	0.0	1,000.0	0.0	0.0	0.0	0.00
2,000.0	0.0	0.0	2,000.0	0.0	0.0	0.0	0.00
2,100.0	2.0	360.0	2,100.0	-1.7	1.8	0.0	2.00
3,000.0	2.0	360.0	2,999.4	-33.1	33.2	0.0	0.00
4,000.0	2.0	360.0	3,998.8	-67.9	68.1	0.0	0.00
5,000.0	2.0	360.0	4,998.2	-102.6	103.0	0.0	0.00
5,100.0	0.5	360.0	5,098.2	-104.8	105.1	0.0	1.50
5,133.3	0.0	0.0	5,131.5	-105.0	105.3	0.0	1.50
5,200.0	0.0	0.0	5,198.2	-105.0	105.3	0.0	0.00
6,000.0	0.0	0.0	5,998.2	-105.0	105.3	0.0	0.00
7,000.0	0.0	0.0	6,998.2	-105.0	105.3	0.0	0.00
7,100.0	2.0	280.6	7,098.2	-105.2	105.6	-1.7	2.00
7,200.0	4.0	280.6	7,198.0	-105.7	106.6	-6.9	2.00
7,262.0	5.3	280.6	7,262.8	-106.3	107.5	-12.0	2.00
7,300.0	5.3	280.6	7,297.7	-106.6	108.1	-15.2	0.00
8,000.0	5.3	280.6	7,994.7	-113.5	120.0	-78.8	0.00
9,000.0	5.3	280.6	8,990.4	-123.3	136.9	-169.6	0.00
10,000.0	5.3	280.6	9,986.1	-133.2	153.8	-260.4	0.00
11,000.0	5.3	280.6	10,981.8	-143.0	170.7	-351.2	0.00
11,088.4	5.3	280.6	11,069.8	-143.9	172.2	-359.2	0.00
11,100.0	5.1	280.6	11,081.4	-144.0	172.4	-360.3	1.50
11,200.0	3.6	280.6	11,181.1	-144.8	173.8	-367.8	1.50
11,300.0	2.1	280.6	11,281.0	-145.3	174.7	-372.7	1.50
11,400.0	0.6	280.6	11,381.0	-145.6	175.2	-375.1	1.50
11,441.7	0.0	0.0	11,422.7	-145.6	175.2	-375.3	1.50
11,500.0	0.0	0.0	11,481.0	-145.6	175.2	-375.3	0.00
11,541.7	0.0	0.0	11,522.7	-145.6	175.2	-375.3	0.00
11,550.0	1.0	179.9	11,531.0	-145.5	175.1	-375.3	12.00
11,575.0	4.0	179.9	11,555.9	-144.4	174.0	-375.3	12.00
11,600.0	7.0	179.9	11,580.8	-142.1	171.6	-375.3	12.00
11,625.0	10.0	179.9	11,605.5	-138.4	167.9	-375.3	12.00
11,650.0	13.0	179.9	11,630.0	-133.4	163.0	-375.3	12.00
11,675.0	16.0	179.9	11,654.2	-127.2	156.7	-375.3	12.00
11,700.0	19.0	179.9	11,678.1	-119.7	149.2	-375.3	12.00
11,725.0	22.0	179.9	11,701.5	-111.0	140.4	-375.3	12.00
11,750.0	25.0	179.9	11,724.4	-101.0	130.5	-375.2	12.00
11,775.0	28.0	179.9	11,746.8	-89.9	119.3	-375.2	12.00
11,800.0	31.0	179.9	11,769.0	-77.6	107.0	-375.2	12.00
11,825.0	34.0	179.9	11,789.6	-64.2	93.6	-375.2	12.00
11,850.0	37.0	179.9	11,810.0	-49.8	79.1	-375.2	12.00
11,875.0	40.0	179.9	11,829.5	-34.3	63.5	-375.2	12.00
11,900.0	43.0	179.9	11,848.3	-17.7	46.9	-375.1	12.00
11,925.0	46.0	179.9	11,866.1	-0.3	29.4	-375.1	12.00
11,950.0	49.0	179.9	11,883.0	18.1	11.0	-375.1	12.00
11,975.0	52.0	179.9	11,898.9	37.3	-8.3	-375.1	12.00
12,000.0	55.0	179.9	11,913.8	57.4	-28.4	-375.0	12.00
12,025.0	58.0	179.9	11,927.6	78.1	-49.2	-375.0	12.00
12,050.0	61.0	179.9	11,940.2	99.6	-70.8	-375.0	12.00
12,075.0	64.0	179.9	11,951.8	121.7	-92.9	-375.0	12.00
12,100.0	67.0	179.9	11,962.2	144.4	-115.7	-374.9	12.00
12,125.0	70.0	179.9	11,971.3	167.6	-139.0	-374.9	12.00
12,150.0	73.0	179.9	11,979.3	191.2	-162.7	-374.9	12.00
12,175.0	76.0	179.9	11,985.9	215.2	-186.7	-374.8	12.00

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
12,200.0	79.0	179.9	11,991.3	239.5	-211.1	-374.8	12.00
12,225.0	82.0	179.9	11,995.5	264.1	-235.8	-374.8	12.00
12,250.0	85.0	179.9	11,998.3	288.9	-260.6	-374.7	12.00
12,275.0	88.0	179.9	11,999.8	313.8	-285.6	-374.7	12.00
12,281.0	88.7	179.9	12,000.0	319.7	-291.6	-374.7	12.00
12,300.0	88.7	179.9	12,000.4	338.7	-310.6	-374.7	0.00
13,000.0	88.7	179.9	12,016.1	1,036.3	-1,010.4	-373.8	0.00
14,000.0	88.7	179.9	12,038.6	2,033.0	-2,010.2	-372.5	0.00
15,000.0	88.7	179.9	12,061.0	3,029.6	-3,009.9	-371.2	0.00
16,000.0	88.7	179.9	12,083.4	4,026.3	-4,009.6	-369.9	0.00
16,740.2	88.7	179.9	12,100.0	4,763.9	-4,749.6	-369.0	0.00



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Field Name		Lease Name		Well No.		
Paduca		Paduca 16 State		702H		
County		State		API No.		
Lea		New Mexico		30025444540000		
Version	Version Tag					
1	Planned					
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey		
3,450.0	3,472.0	16	25S	32E		
Operator		Well Status	Latitude	Longitude		
Pride Energy		Planned	32.137143	-103.678459		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		
200	FNL	2175	FEL	SECTION		
Prop Num			Spud Date	Comp. Date		
320708						
Additional Information						
OGRID		Pool Name and Code	Well Type	Dedicated Acres		
151323		WC-025 G-07 S253216D; UPPER WOLFCAMP (98270)	Horizontal; Oil	160		
Prepared By		Updated By		Last Updated		
bmung		bmung		5-28-2018 1:25 PM		
Hole Summary						
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments		
	26.000	0	120			
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%		
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill solids <2%		
	8.750	4,535	16,803	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%		
Tubular Summary						
Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Conductor Casing	20.000	94.00	H40	0	120
	Surface Casing	13.375	48.00	H40	0	850
	Intermediate Casing	9.625	40.00	J55	0	3,800
	Intermediate Casing	9.625	40.00	L80	3,800	4,535
	Production Casing	5.500	20.00	P110	0	16,803
Casing Cement Summary						
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		545	13.375	0	550	100% Excess
		308	13.375	550	850	100% Excess
		1,182	9.625	0	4,035	75% Excess
		202	9.625	4,035	4,535	75% Excess
		2,118	5.500	0	11,700	100% Excess
		1,185	5.500	11,700	16,803	100% Excess
Tools/Problems Summary						
Date	Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	FC		13.375	0.000	805	0
	GS		13.375	0.000	848	0
	FC		9.625	0.000	4,488	0
	GS		9.625	0.000	4,533	0

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	Mkr Jt	5.500	0.000	9,650	9,671
	Mkr Jt	5.500	0.000	11,300	11,321
	FC	5.500	0.000	16,717	0
	GS	5.500	0.000	16,801	0

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)
		Open	Wolfcamp	12345	12,460
		Open	Wolfcamp	12493	12,608
		Open	Wolfcamp	12641	12,756
		Open	Wolfcamp	12789	12,904
		Open	Wolfcamp	12937	13,052
		Open	Wolfcamp	13085	13,200
		Open	Wolfcamp	13233	13,348
		Open	Wolfcamp	13381	13,496
		Open	Wolfcamp	13529	13,644
		Open	Wolfcamp	13677	13,792
		Open	Wolfcamp	13825	13,940
		Open	Wolfcamp	13973	14,088
		Open	Wolfcamp	14121	14,236
		Open	Wolfcamp	14269	14,384
		Open	Wolfcamp	14417	14,532
		Open	Wolfcamp	14565	14,680
		Open	Wolfcamp	14713	14,828
		Open	Wolfcamp	14824	14,939
		Open	Wolfcamp	14972	15,087
		Open	Wolfcamp	15120	15,235
		Open	Wolfcamp	15268	15,383
		Open	Wolfcamp	15416	15,531
		Open	Wolfcamp	15564	15,679
		Open	Wolfcamp	15712	15,827
		Open	Wolfcamp	15860	15,975
		Open	Wolfcamp	16008	16,123
		Open	Wolfcamp	16156	16,271
		Open	Wolfcamp	16304	16,419
		Open	Wolfcamp	16452	16,567
		Open	Wolfcamp	16600	16,715

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	
3rd Bone Spring Carbonate	10,627	
3rd Bone Spring Sand	11,350	
Wolfcamp	11,807	

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Field Name		Lease Name		Well No.	County	State	API No.	
Paduca		Paduca 16 State		702H	Lea	New Mexico	30025444540000	
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)
1	Planned						3,450.0	3,472.0
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
16	25S	32E	200	FNL	2,175	FEL	SECTION	
Operator			Well Status		Latitude	Longitude	Prop Num	
Pride Energy			Planned		32.137143	-103.678459	320708	
OGRID		Pool Name and Code		Well Type			Dedicated Acres	
151323		WC-025 G-07 S253216D; UPPER WOLFCAMP (98270)		Horizontal; Oil			160	
Last Updated		Prepared By			Updated By			
05-28-2018 1:25 PM		bmung			bmung			

Additional Information

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill solids <2%
	8.750	4,535	16,803	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Conductor Casing	3	20.000	94.00	H40		0	120	
	Surface Casing	20	13.375	48.00	H40	STC	0	850	
	Intermediate Casing	95	9.625	40.00	J55	LTC	0	3,800	
	Intermediate Casing	18	9.625	40.00	L80	LTC	3,800	4,535	
	Production Casing	409	5.500	20.00	P110	BTC	0	16,803	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		545	1.68	916	13.375	0	550	13.7ppg ExtendaCem CZ + 0.125lbm Poly-E-Flake + 3lbm Kol-Seal	100% Excess
		308	1.35	416	13.375	550	850	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	100% Excess
		1,182	1.87	2,210	9.625	0	4,035	12.9ppg Class C EconoCem HLC	75% Excess
		202	1.35	273	9.625	4,035	4,535	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	75% Excess
		2,118	2.79	5,909	5.500	0	11,700	11.5ppg EconoCem H + 0.25lbm D-Air 5000 + 0.05% SA-1015 + 0.65% HR-601	100% Excess
		1,185	2.16	2,560	5.500	11,700	16,803	14.5ppg NeoCem AS	100% Excess

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Float Collar	13.375	0.000	805	0		
	Guide Shoe	13.375	0.000	848	0		
	Float Collar	9.625	0.000	4,488	0		
	Guide Shoe	9.625	0.000	4,533	0		
	Marker Joint	5.500	0.000	9,650	9,671		
	Marker Joint	5.500	0.000	11,300	11,321		
	Float Collar	5.500	0.000	16,717	0		
	Guide Shoe	5.500	0.000	16,801	0		

Perforation Summary

C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 30 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12345	12,349	8	32	60	
	12382	12,386	8	32	60	
	12419	12,423	8	32	60	
	12456	12,460	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 29 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12493	12,497	8	32	60	
	12530	12,534	8	32	60	
	12567	12,571	8	32	60	
	12604	12,608	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 28 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12641	12,645	8	32	60	
	12678	12,682	8	32	60	
	12715	12,719	8	32	60	
	12752	12,756	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 27 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12789	12,793	8	32	60	
	12826	12,830	8	32	60	
	12863	12,867	8	32	60	
	12900	12,904	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 26 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12937	12,941	8	32	60	
	12974	12,978	8	32	60	
	13011	13,015	8	32	60	
	13048	13,052	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 25 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13085	13,089	8	32	60	
	13122	13,126	8	32	60	
	13159	13,163	8	32	60	
	13196	13,200	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 24 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13233	13,237	8	32	60	

C	Date	Perf. Status	Formation		Closed Date	Comments
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13270	13,274	8	32	60	
	13307	13,311	8	32	60	
	13344	13,348	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 23 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13381	13,385	8	32	60	
	13418	13,422	8	32	60	
	13455	13,459	8	32	60	
	13492	13,496	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 22 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13529	13,533	8	32	60	
	13566	13,570	8	32	60	
	13603	13,607	8	32	60	
	13640	13,644	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 21 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13677	13,681	8	32	60	
	13714	13,718	8	32	60	
	13751	13,755	8	32	60	
	13788	13,792	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 20 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13825	13,829	8	32	60	
	13862	13,866	8	32	60	
	13899	13,903	8	32	60	
	13936	13,940	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 19 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13973	13,977	8	32	60	
	14010	14,014	8	32	60	
	14047	14,051	8	32	60	
	14084	14,088	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 18 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14121	14,125	8	32	60	
	14158	14,162	8	32	60	
	14195	14,199	8	32	60	
	14232	14,236	8	32	60	

C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 17 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14269	14,273	8	32	60	
	14306	14,310	8	32	60	
	14343	14,347	8	32	60	
	14380	14,384	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 16 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14417	14,421	8	32	60	
	14454	14,458	8	32	60	
	14491	14,495	8	32	60	
	14528	14,532	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 15 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14565	14,569	8	32	60	
	14602	14,606	8	32	60	
	14639	14,643	8	32	60	
	14676	14,680	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 14 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14713	14,717	8	32	60	
	14750	14,754	8	32	60	
	14787	14,791	8	32	60	
	14824	14,828	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 13 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14824	14,828	8	32	60	
	14861	14,865	8	32	60	
	14898	14,902	8	32	60	
	14935	14,939	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 12 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14972	14,976	8	32	60	
	15009	15,013	8	32	60	
	15046	15,050	8	32	60	
	15083	15,087	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 11 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15120	15,124	8	32	60	
	15157	15,161	8	32	60	

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C	Date	Perf. Status	Formation		Closed Date	Comments
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15194	15,198	8	32	60	
	15231	15,235	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 10 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15268	15,272	8	32	60	
	15305	15,309	8	32	60	
	15342	15,346	8	32	60	
	15379	15,383	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 9 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15416	15,420	8	32	60	
	15453	15,457	8	32	60	
	15490	15,494	8	32	60	
	15527	15,531	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 8 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15564	15,568	8	32	60	
	15601	15,605	8	32	60	
	15638	15,642	8	32	60	
	15675	15,679	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 7 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15712	15,716	8	32	60	
	15749	15,753	8	32	60	
	15786	15,790	8	32	60	
	15823	15,827	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 6 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15860	15,864	8	32	60	
	15897	15,901	8	32	60	
	15934	15,938	8	32	60	
	15971	15,975	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 5 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	16008	16,012	8	32	60	
	16045	16,049	8	32	60	
	16082	16,086	8	32	60	
	16119	16,123	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments

Last Updated: 5-28-2018 01:25 PM

C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 4 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16156		16,160	8	32	60	
16193		16,197	8	32	60	
16230		16,234	8	32	60	
16267		16,271	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 3 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16304		16,308	8	32	60	
16341		16,345	8	32	60	
16378		16,382	8	32	60	
16415		16,419	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 2 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16452		16,456	8	32	60	
16489		16,493	8	32	60	
16526		16,530	8	32	60	
16563		16,567	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 1 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16600		16,604	8	32	60	
16637		16,641	8	32	60	
16674		16,678	8	32	60	
16711		16,715	8	32	60	

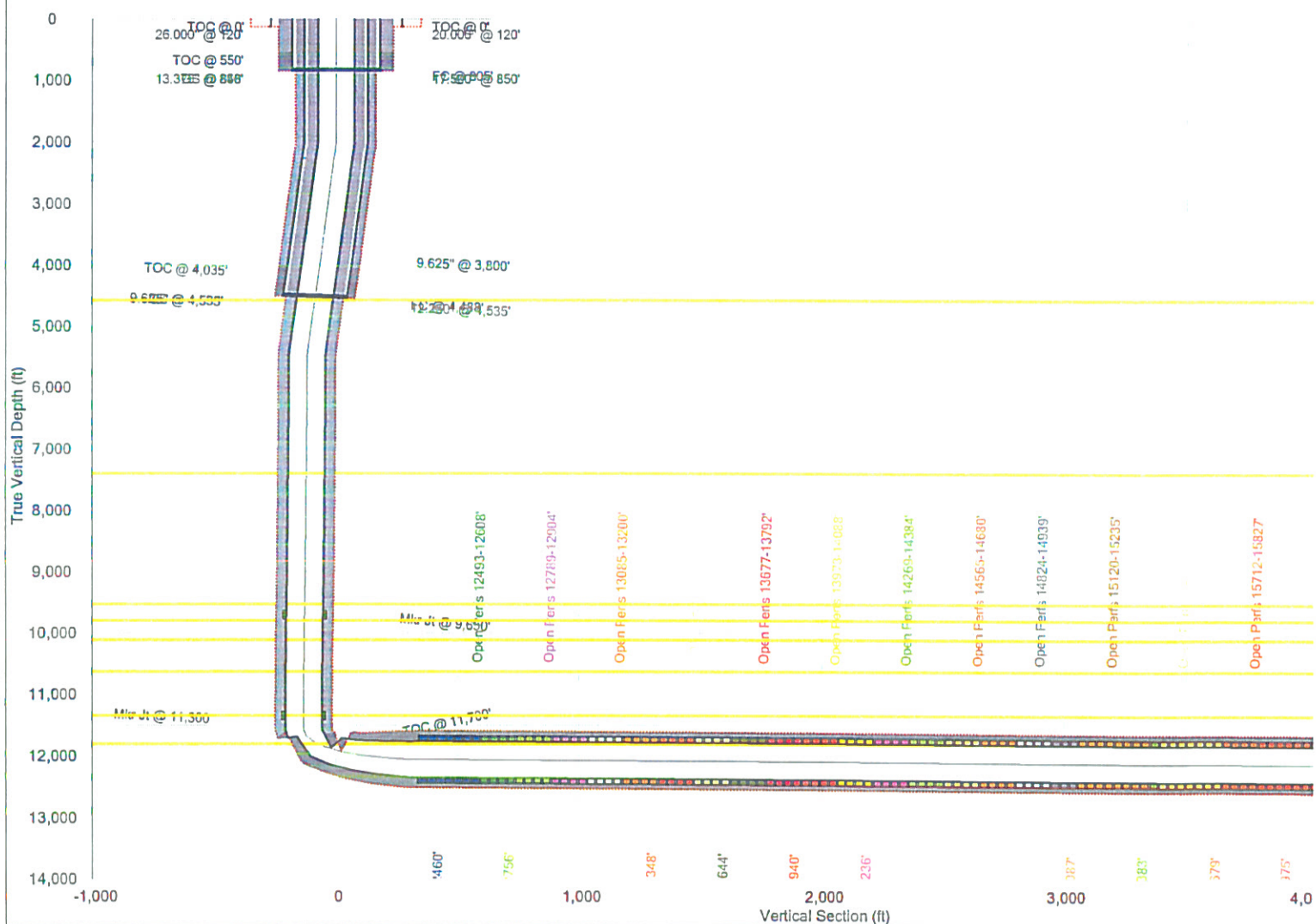
Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	
3rd Bone Spring Carbonate	10,627	
3rd Bone Spring Sand	11,350	
Wolfcamp	11,807	

Last Updated: 5-28-2018 01:25 PM

Field Name			Lease Name				Well No.		County		State	
Paduca			Paduca 16 State				702H		Lea		New M	
Version	Version Tag						Spud Date		Comp. Date		G.L. (f	
1	Planned										3,450.	
Sec.	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		Latitu	
16	25S		32E		200	FNL	2175	FEL	SECTION		32.13'	
Well Status		PropNum		Operator			Last Updated				Prepared By	
Planned		320708		Pride Energy			2018-05-28 1:25:55 PM				bmung	

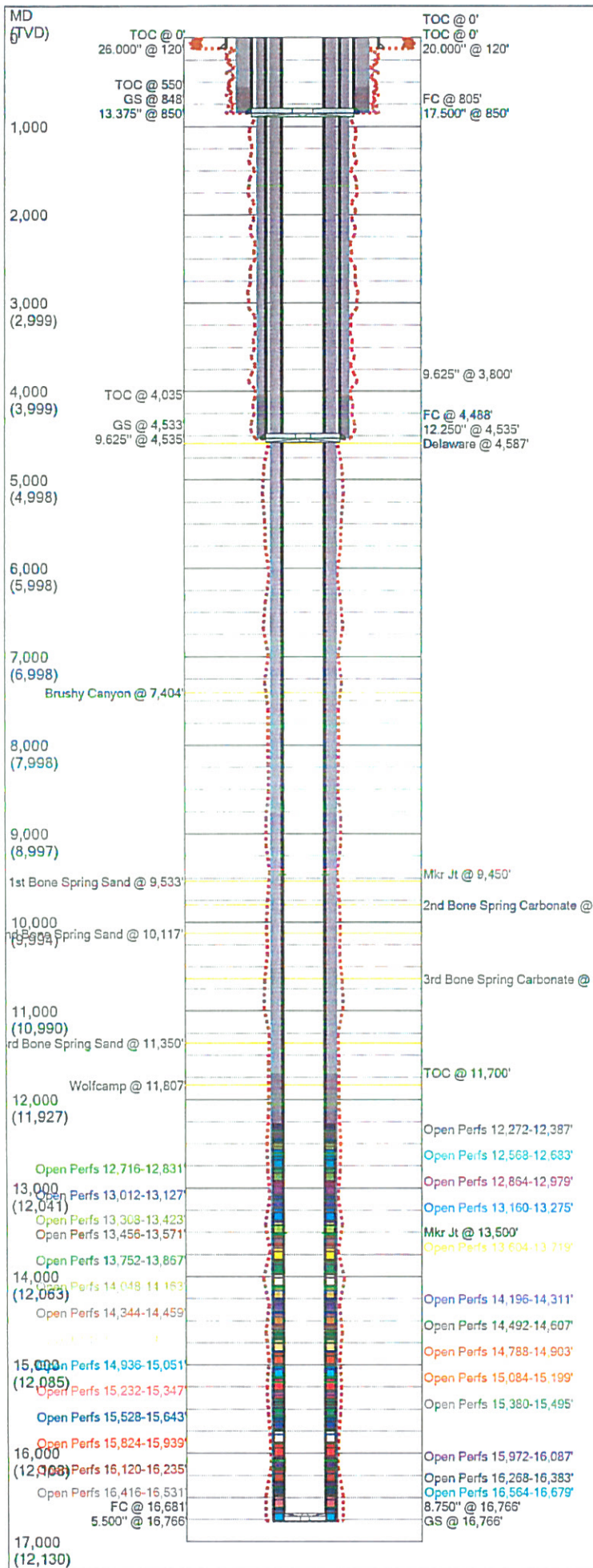
Additional Information



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Field Name		Lease Name	Well No.	API No.	Version	Version Tag	
Paduca		Paduca 16 State	702H	30025444540000	1	Planned	
Section	Township/Block	Range/Survey	County	State		GL (ft)	KB (ft)
16	25S	32E	Lea	New Mexico		3,450.0	3,472.0
Target N (-S) (ft)	Target E (-W) (ft)	Latitude	Longitude	Operator		Well Status	
0	0	32.137143	-103.678459	Pride Energy		Planned	
Additional Information							

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
1,000.0	0.0	0.0	1,000.0	0.0	0.0	0.0	0.00
2,000.0	0.0	0.0	2,000.0	0.0	0.0	0.0	0.00
2,100.0	2.0	0.0	2,100.0	-1.7	1.8	0.0	2.00
2,200.0	2.0	0.0	2,199.9	-5.2	5.2	0.0	0.00
3,000.0	2.0	0.0	2,999.4	-33.0	33.2	0.0	0.00
4,000.0	2.0	0.0	3,998.8	-67.7	68.1	0.0	0.00
5,000.0	2.0	0.0	4,998.2	-102.4	103.0	0.0	0.00
5,400.0	2.0	0.0	5,398.0	-116.3	116.9	0.0	0.00
5,500.0	0.5	0.0	5,497.9	-118.4	119.1	0.0	1.50
5,533.3	0.0	0.0	5,531.3	-118.6	119.2	0.0	1.50
5,600.0	0.0	0.0	5,597.9	-118.6	119.2	0.0	0.00
5,970.0	0.0	0.0	5,967.9	-118.6	119.2	0.0	0.00
6,000.0	0.6	82.4	5,997.9	-118.6	119.3	0.2	2.00
6,100.0	2.6	82.4	6,097.9	-118.6	119.6	2.9	2.00
6,200.0	4.6	82.4	6,197.7	-118.8	120.5	9.2	2.00
6,244.9	5.5	82.4	6,242.4	-118.9	121.0	13.1	2.00
6,300.0	5.5	82.4	6,297.3	-119.1	121.7	18.3	0.00
7,000.0	5.5	82.4	6,994.1	-120.8	130.6	84.8	0.00
8,000.0	5.5	82.4	7,989.5	-123.4	143.4	179.7	0.00
9,000.0	5.5	82.4	8,984.9	-125.9	156.2	274.6	0.00
10,000.0	5.5	82.4	9,980.3	-128.5	168.9	369.6	0.00
11,000.0	5.5	82.4	10,975.7	-131.0	181.7	464.5	0.00
11,131.7	5.5	82.4	11,106.7	-131.4	183.4	477.0	0.00
11,200.0	4.5	82.4	11,174.8	-131.5	184.1	482.9	1.50
11,300.0	3.0	82.4	11,274.6	-131.7	185.0	489.3	1.50
11,400.0	1.5	82.4	11,374.5	-131.8	185.5	493.2	1.50
11,498.2	0.0	0.0	11,472.7	-131.8	185.7	494.4	1.50
11,500.0	0.0	0.0	11,474.5	-131.8	185.7	494.4	0.00
11,598.2	0.0	0.0	11,572.7	-131.8	185.7	494.4	0.00
11,600.0	0.2	179.8	11,574.5	-131.8	185.7	494.4	12.00
11,700.0	12.2	179.8	11,673.7	-121.1	174.9	494.5	12.00
11,800.0	24.2	179.8	11,768.5	-90.0	143.7	494.6	12.00
11,900.0	36.2	179.8	11,854.8	-40.1	93.4	494.7	12.00
12,000.0	48.2	179.8	11,928.7	26.6	26.4	494.9	12.00
12,100.0	60.2	179.8	11,987.1	107.2	-54.6	495.2	12.00
12,200.0	72.2	179.8	12,027.3	198.0	-146.0	495.5	12.00
12,300.0	84.2	179.8	12,047.7	295.2	-243.7	495.8	12.00
12,337.5	88.7	179.8	12,050.0	332.4	-281.1	495.9	12.00
12,400.0	88.7	179.8	12,051.4	394.6	-343.6	496.1	0.00
13,000.0	88.7	179.8	12,064.8	991.2	-943.4	497.9	0.00
14,000.0	88.7	179.8	12,087.2	1,985.6	-1,943.2	501.0	0.00
15,000.0	88.7	179.8	12,109.6	2,979.9	-2,942.9	504.0	0.00
16,000.0	88.7	179.8	12,132.0	3,974.3	-3,942.7	507.1	0.00
16,803.2	88.7	179.8	12,150.0	4,722.9	-4,745.6	509.6	0.00



Last Updated: 5-29-2018 09:07 AM

Field Name		Lease Name		Well No.
Paduca		Paduca 16 State		703H
County		State		API No.
Lea		New Mexico		30025444920000
Version	Version Tag			
1	Planned			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
3,435.0	3,457.0	16	25S	32E
Operator		Well Status	Latitude	Longitude
Pride Energy		Planned	32.137125	-103681840
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
200	FNL	2094	FWL	SECTION
Prop Num			Spud Date	Comp. Date
320708				
Additional Information				
OGRID	Pool Name and Code		Well Type	Dedicated Acres
151323	WC025 G07 S253216D;UPPER WOLFCAMP (98270)		Horizontal; Oil	160
Prepared By		Updated By		Last Updated
bmung		bmung		5-29-2018 9:07 AM

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill solids <2%
	8.750	4,535	16,766	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Conductor Casing	20.000	94.00	H40	0	120
	Surface Casing	13.375	48.00	H40	0	850
	Intermediate Casing	9.625	40.00	J55	0	3,800
	Intermediate Casing	9.625	40.00	L80	3,800	4,535
	Production Casing	5.500	20.00	P110	0	16,766

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		545	13.375	0	550	100% Excess
		308	13.375	550	850	100% Excess
		1,182	9.625	0	4,035	75% Excess
		202	9.625	4,035	4,535	75% Excess
		2,118	5.500	0	11,700	100% Excess
		1,182	5.500	11,700	16,766	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	FC	13.375	0.000	805	0
	GS	13.375	0.000	848	0
	FC	9.625	0.000	4,488	0
	GS	9.625	0.000	4,533	0
	Mkr Jt	5.500	0.000	9,450	9,471

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	Mkr Jt	5.500	0.000	13,500	13,521
	FC	5.500	0.000	16,681	0
	GS	5.500	0.000	16,766	0

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)
		Open	Wolfcamp	12272	12,387
			Wolfcamp	12420	12,535
		Open	Wolfcamp	12568	12,683
		Open	Wolfcamp	12716	12,831
		Open	Wolfcamp	12864	12,979
		Open	Wolfcamp	13012	13,127
		Open	Wolfcamp	13160	13,275
		Open	Wolfcamp	13308	13,423
		Open	Wolfcamp	13456	13,571
		Open	Wolfcamp	13604	13,719
		Open	Wolfcamp	13752	13,867
		Open	Wolfcamp	13900	14,015
		Open	Wolfcamp	14048	14,163
		Open	Wolfcamp	14196	14,311
		Open	Wolfcamp	14344	14,459
		Open	Wolfcamp	14492	14,607
		Open	Wolfcamp	14640	14,755
		Open	Wolfcamp	14788	14,903
		Open	Wolfcamp	14936	15,051
		Open	Wolfcamp	15084	15,199
		Open	Wolfcamp	15232	15,347
		Open	Wolfcamp	15380	15,495
		Open	Wolfcamp	15528	15,643
		Open	Wolfcamp	15676	15,791
		Open	Wolfcamp	15824	15,939
		Open	Wolfcamp	15972	16,087
		Open	Wolfcamp	16120	16,235
		Open	Wolfcamp	16268	16,383
		Open	Wolfcamp	16416	16,531
		Open	Wolfcamp	16564	16,679

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	
3rd Bone Spring Carbonate	10,627	
3rd Bone Spring Sand	11,350	
Wolfcamp	11,807	

Last Updated: 5-29-2018 09:07 AM

Field Name		Lease Name		Well No.	County	State		API No.		
Paduca		Paduca 16 State		703H	Lea	New Mexico		30025444920000		
Version	Version Tag				Spud Date		Comp. Date	GL (ft)	KB (ft)	
1	Planned							3,435.0	3,457.0	
Section	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
16	25S		32E		200	FNL	2,094	FWL	SECTION	
Operator			Well Status			Latitude		Longitude		Prop Num
Pride Energy			Planned			32.137125		-103681840		320708
OGRID		Pool Name and Code			Well Type			Dedicated Acres		
151323		WC025 G07 S253216D;UPPER WOLFCAMP (98270)			Horizontal; Oil			160		
Last Updated		Prepared By				Updated By				
05-29-2018 9:07 AM		bmung				bmung				

Additional Information

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	850	Fresh water 8.4ppg-8.9ppg, Vis 3-5cp, Yield 5-7, Drill solids <3%
	12.250	850	4,535	Brine 9.6ppg-10ppg, Vis 1cp, Yield 1, Drill solids <2%
	8.750	4,535	16,766	Cut Brine 8.6ppg-9.2ppg, Vis 10-12cp, Yield 18-20, Fluid Loss 10-12, Drill solids <2%

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Conductor Casing	3	20.000	94.00	H40		0	120	
	Surface Casing	20	13.375	48.00	H40	LTC	0	850	
	Intermediate Casing	95	9.625	40.00	J55	STC	0	3,800	
	Intermediate Casing	18	9.625	40.00	L80	STC	3,800	4,535	
	Production Casing	408	5.500	20.00	P110	BTC	0	16,766	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		545	1.68	916	13.375	0	550	13.7ppg ExtendaCem CZ + 0.125lbm Poly-E-Flake + 3lbm Kol-Seal	100% Excess
		308	1.35	416	13.375	550	850	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	100% Excess
		1,182	1.87	2,210	9.625	0	4,035	12.9ppg Class C EconoCem HLC	75% Excess
		202	1.35	273	9.625	4,035	4,535	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	75% Excess
		2,118	2.79	5,909	5.500	0	11,700	11.5ppg EconoCem H + 0.25lbm D-Air 5000 + 0.05% SA-1015 + 0.65% HR-601	100% Excess
		1,182	2.16	2,553	5.500	11,700	16,766	14.5ppg NeoCem AS	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Float Collar	13.375	0.000	805	0		
	Guide Shoe	13.375	0.000	848	0		
	Float Collar	9.625	0.000	4,488	0		
	Guide Shoe	9.625	0.000	4,533	0		
	Marker Joint	5.500	0.000	9,450	9,471		
	Marker Joint	5.500	0.000	13,500	13,521		
	Float Collar	5.500	0.000	16,681	0		
	Guide Shoe	5.500	0.000	16,766	0		

Perforation Summary

C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 30 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12272	12,276	8	32	60	
	12309	12,313	8	32	60	
	12346	12,350	8	32	60	
	12383	12,387	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 29 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12420	12,424	8	32	60	
	12457	12,461	8	32	60	
	12494	12,498	8	32	60	
	12531	12,535	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 28 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12568	12,572	8	32	60	
	12605	12,609	8	32	60	
	12642	12,646	8	32	60	
	12679	12,683	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 27 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12716	12,720	8	32	60	
	12753	12,757	8	32	60	
	12790	12,794	8	32	60	
	12827	12,831	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 26 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	12864	12,868	8	32	60	
	12901	12,905	8	32	60	
	12938	12,942	8	32	60	
	12975	12,979	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 25 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13012	13,016	8	32	60	
	13049	13,053	8	32	60	
	13086	13,090	8	32	60	
	13123	13,127	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 24 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13160	13,164	8	32	60	

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C	Date	Perf. Status	Formation		Closed Date	Comments
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13197	13,201	8	32	60	
	13234	13,238	8	32	60	
	13271	13,275	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 23 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13308	13,312	8	32	60	
	13345	13,349	8	32	60	
	13382	13,386	8	32	60	
	13419	13,423	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 22 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13456	13,460	8	32	60	
	13493	13,497	8	32	60	
	13530	13,534	8	32	60	
	13567	13,571	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 21 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13604	13,608	8	32	60	
	13641	13,645	8	32	60	
	13678	13,682	8	32	60	
	13715	13,719	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 20 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13752	13,756	8	32	60	
	13789	13,793	8	32	60	
	13826	13,830	8	32	60	
	13863	13,867	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 19 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	13900	13,904	8	32	60	
	13937	13,941	8	32	60	
	13974	13,978	8	32	60	
	14011	14,015	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 18 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14048	14,052	8	32	60	
	14085	14,089	8	32	60	
	14122	14,126	8	32	60	
	14159	14,163	8	32	60	

Last Updated: 5-29-2018 09:07 AM

C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 17 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14196	14,200	8	32	60	
	14233	14,237	8	32	60	
	14270	14,274	8	32	60	
	14307	14,311	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 16 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14344	14,348	8	32	60	
	14381	14,385	8	32	60	
	14418	14,422	8	32	60	
	14455	14,459	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 15 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14492	14,496	8	32	60	
	14529	14,533	8	32	60	
	14566	14,570	8	32	60	
	14603	14,607	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 14 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14640	14,644	8	32	60	
	14677	14,681	8	32	60	
	14714	14,718	8	32	60	
	14751	14,755	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 13 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14788	14,792	8	32	60	
	14825	14,829	8	32	60	
	14862	14,866	8	32	60	
	14899	14,903	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 12 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	14936	14,940	8	32	60	
	14973	14,977	8	32	60	
	15010	15,014	8	32	60	
	15047	15,051	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 11 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	15084	15,088	8	32	60	
	15121	15,125	8	32	60	

C	Date	Perf. Status	Formation		Closed Date	Comments
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15158		15,162	8	32	60	
15195		15,199	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 10 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15232		15,236	8	32	60	
15269		15,273	8	32	60	
15306		15,310	8	32	60	
15343		15,347	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 9 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15380		15,384	8	32	60	
15417		15,421	8	32	60	
15454		15,458	8	32	60	
15491		15,495	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 8 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15528		15,532	8	32	60	
15565		15,569	8	32	60	
15602		15,606	8	32	60	
15639		15,643	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 7 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15676		15,680	8	32	60	
15713		15,717	8	32	60	
15750		15,754	8	32	60	
15787		15,791	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 6 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15824		15,828	8	32	60	
15861		15,865	8	32	60	
15898		15,902	8	32	60	
15935		15,939	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments
		Open	Wolfcamp			Stage 5 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15972		15,976	8	32	60	
16009		16,013	8	32	60	
16046		16,050	8	32	60	
16083		16,087	8	32	60	
C	Date	Perf. Status	Formation		Closed Date	Comments

Last Updated: 5-29-2018 09:07 AM

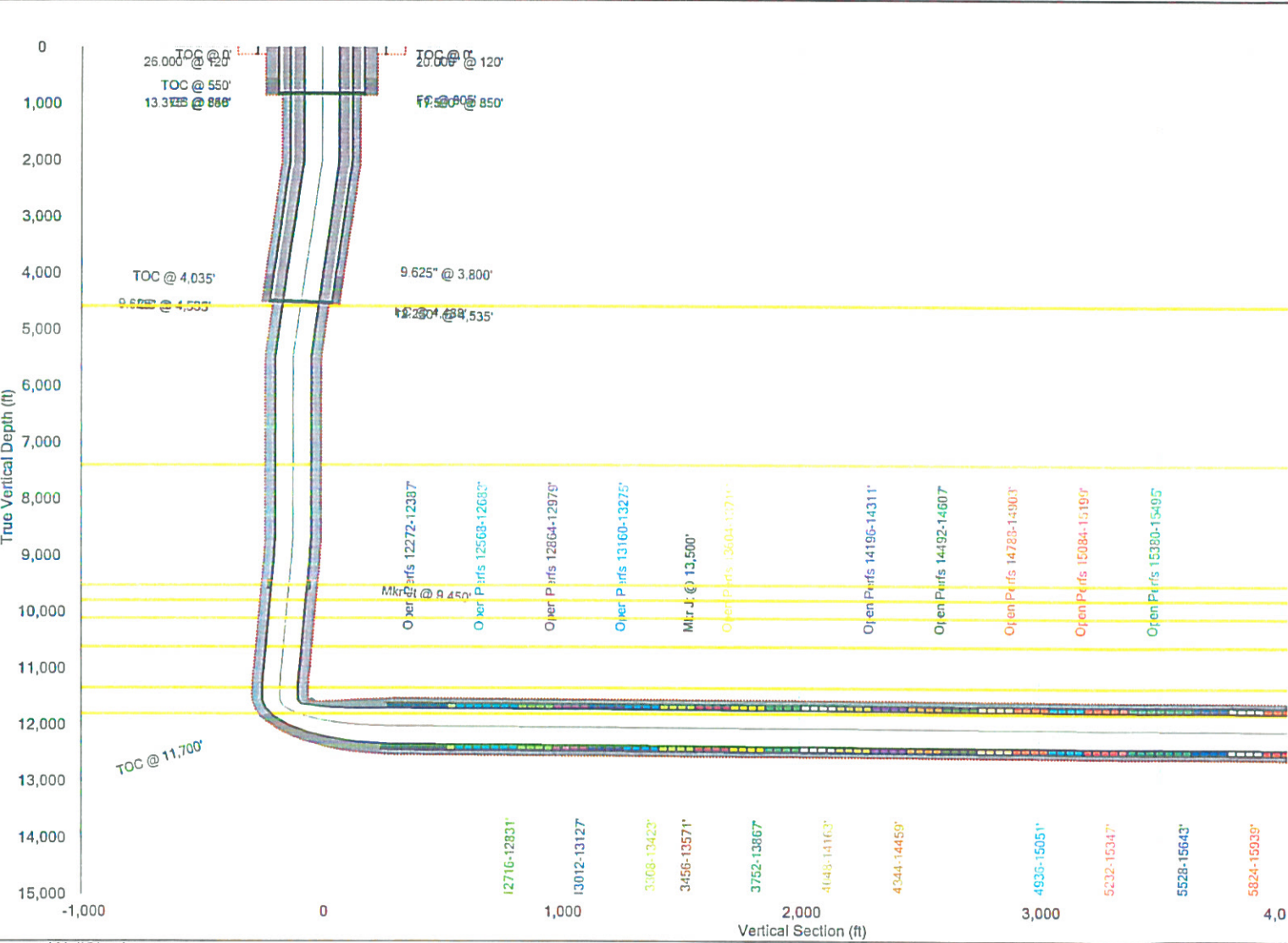
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 4 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	16120	16,124	8	32		
	16157	16,161	8	32		
	16194	16,198	8	32		
	16231	16,235	8	32		
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 3 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	16268	16,272	8	32	60	
	16305	16,309	8	32	60	
	16342	16,346	8	32	60	
	16379	16,383	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 2 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	16416	16,420	8	32	60	
	16453	16,457	8	32	60	
	16490	16,494	8	32	60	
	16527	16,531	8	32	60	
C	Date	Perf. Status	Formation	Closed Date	Comments	
		Open	Wolfcamp		Stage 1 Pump 12bbls Slick Water, 36bbls 15% HCl, 119bbls Spacer, 12bbls Rhino Nano, 595bbls Pad, 172,314lbs 40/70 white sand, 17,100lbs 40/70 Resin Coat	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	16564	16,568	8	32	60	
	16601	16,605	8	32	60	
	16638	16,642	8	32	60	
	16675	16,679	8	32	60	

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Delaware	4,587	
Brushy Canyon	7,404	
1st Bone Spring Sand	9,533	
2nd Bone Spring Carbonate	9,797	
2nd Bone Spring Sand	10,117	
3rd Bone Spring Carbonate	10,627	
3rd Bone Spring Sand	11,350	
Wolfcamp	11,807	

Field Name		Lease Name				Well No.		County	State
Paduca		Paduca 16 State				703H		Lea	New M
Version	Version Tag					Spud Date		Comp. Date	G.L. (
1	Planned								3,435
Sec.	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	Latitud	
16	25S	32E	200	FNL	2094	FWL	SECTION	32.13	
Well Status		PropNum	Operator		Last Updated			Prepared By	
Planned		320708	Pride Energy		2018-05-29 9:07:50 AM			bmung	

Additional Information



Field Name		Lease Name		Well No.	API No.		Version	Version Tag		
Paduca		Paduca 16 State		703H	30025444920000		1	Planned		
Section	Township/Block		Range/Survey		County		State		GL (ft)	KB (ft)
16	25S		32E		Lea		New Mexico		3,435.0	3,457.0
Target N (-S) (ft)		Target E (-W) (ft)		Latitude		Longitude		Operator		Well Status
0		0		32.137125		-103681840		Pride Energy		Planned
Additional Information										

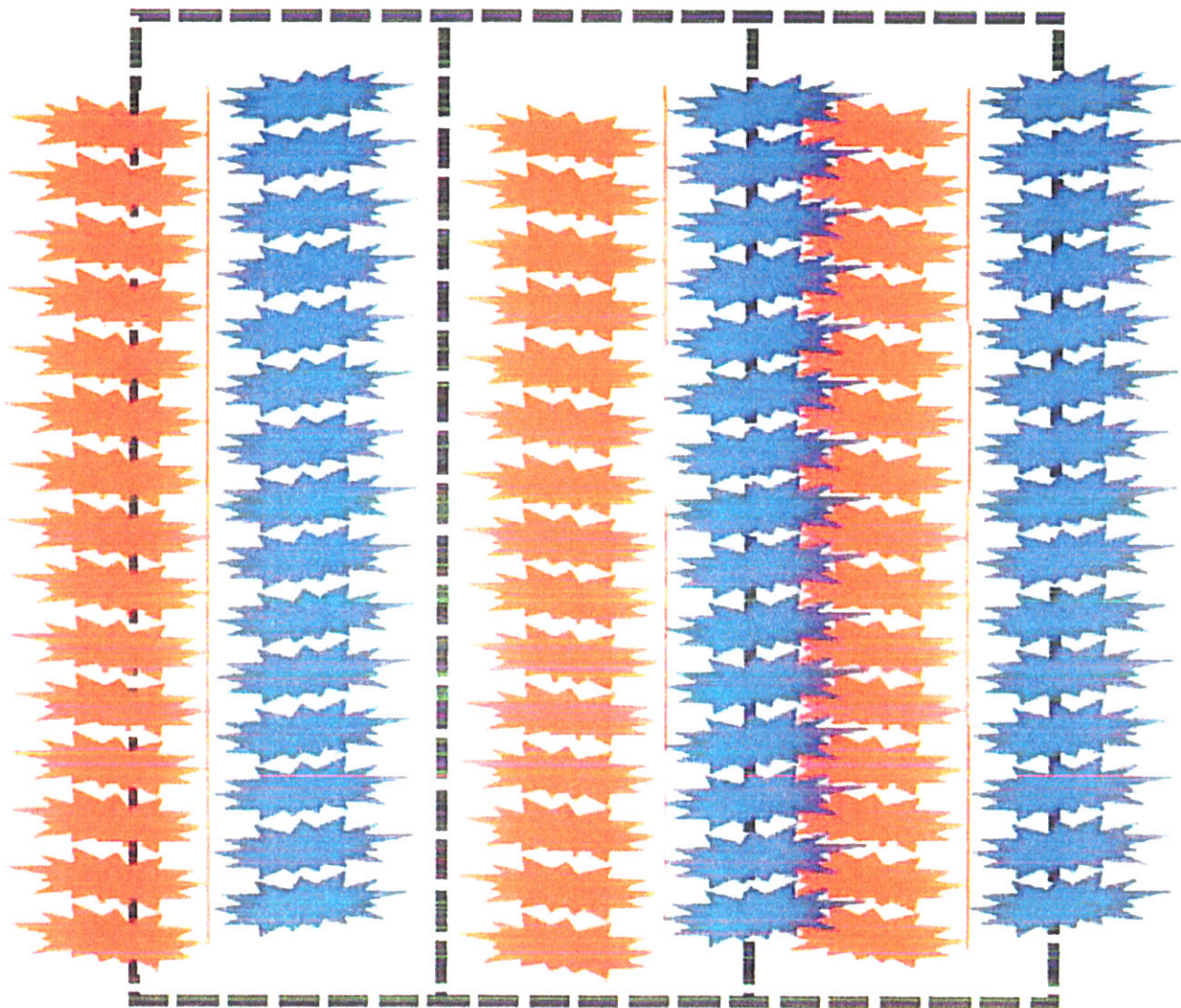
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
2,000.0	0.0	0.0	2,000.0	0.0	0.0	0.0	0.00
2,100.0	2.0	360.0	2,100.0	-1.7	1.8	0.0	2.00
2,200.0	2.0	360.0	2,199.9	-5.2	5.2	0.0	0.00
3,000.0	2.0	360.0	2,999.4	-33.1	33.2	0.0	0.00
4,000.0	2.0	360.0	3,998.8	-68.0	68.1	0.0	0.00
5,000.0	2.0	360.0	4,998.2	-102.8	103.0	0.0	0.00
5,400.0	2.0	360.0	5,398.0	-116.8	116.9	0.0	0.00
5,500.0	0.5	360.0	5,497.9	-119.0	119.1	0.0	1.50
5,533.3	0.0	0.0	5,531.3	-119.1	119.2	0.0	1.50
5,600.0	0.0	0.0	5,597.9	-119.1	119.2	0.0	0.00
6,000.0	0.0	0.0	5,998.0	-119.1	119.2	0.0	0.00
7,000.0	0.0	0.0	6,997.9	-119.1	119.2	0.0	0.00
8,000.0	0.0	0.0	7,997.9	-119.1	119.2	0.0	0.00
8,669.0	0.0	0.0	8,666.9	-119.1	119.2	0.0	0.00
8,700.0	0.6	73.1	8,697.9	-119.1	119.3	0.2	2.00
8,919.2	5.0	73.1	8,916.8	-121.8	122.4	10.4	2.00
9,000.0	5.0	73.1	8,997.3	-123.5	124.5	17.2	0.00
10,000.0	5.0	73.1	9,993.5	-144.9	149.9	100.6	0.00
11,000.0	5.0	73.1	10,989.7	-166.3	175.3	184.1	0.00
11,125.3	5.0	73.1	11,114.5	-168.9	178.5	194.5	0.00
11,200.0	3.9	73.1	11,189.0	-170.4	180.1	200.1	1.50
11,300.0	2.4	73.1	11,288.8	-171.7	181.7	205.3	1.50
11,400.0	0.9	73.1	11,388.8	-172.4	182.6	208.0	1.50
11,458.9	0.0	0.0	11,447.7	-172.5	182.7	208.4	1.50
11,500.0	0.0	0.0	11,488.8	-172.5	182.7	208.4	0.00
11,558.9	0.0	0.0	11,547.7	-172.5	182.7	208.4	0.00
11,575.0	1.9	179.8	11,563.8	-172.2	182.4	208.4	12.00
11,675.0	13.9	179.8	11,662.7	-158.5	168.6	208.5	12.00
11,775.0	25.9	179.8	11,756.5	-124.5	134.6	208.6	12.00
11,875.0	37.9	179.8	11,841.2	-71.7	81.8	208.8	12.00
11,975.0	49.9	179.8	11,913.1	-2.5	12.5	209.1	12.00
12,075.0	61.9	179.8	11,969.0	80.1	-70.2	209.4	12.00
12,175.0	73.9	179.8	12,006.5	172.5	-162.7	209.8	12.00
12,298.2	88.7	179.8	12,025.0	293.8	-284.1	210.3	12.00
12,300.0	88.7	179.8	12,025.0	295.7	-285.9	210.3	0.00
13,000.0	88.7	179.8	12,040.7	994.8	-985.7	213.0	0.00
14,000.0	88.7	179.8	12,063.1	1,993.6	-1,985.5	217.0	0.00
15,000.0	88.7	179.8	12,085.5	2,992.4	-2,985.2	220.9	0.00
16,000.0	88.7	179.8	12,107.9	3,991.2	-3,985.0	224.8	0.00
16,766.4	88.7	179.8	12,125.0	4,756.6	-4,751.2	227.9	0.00

ZIPPER FRAC GROWTH

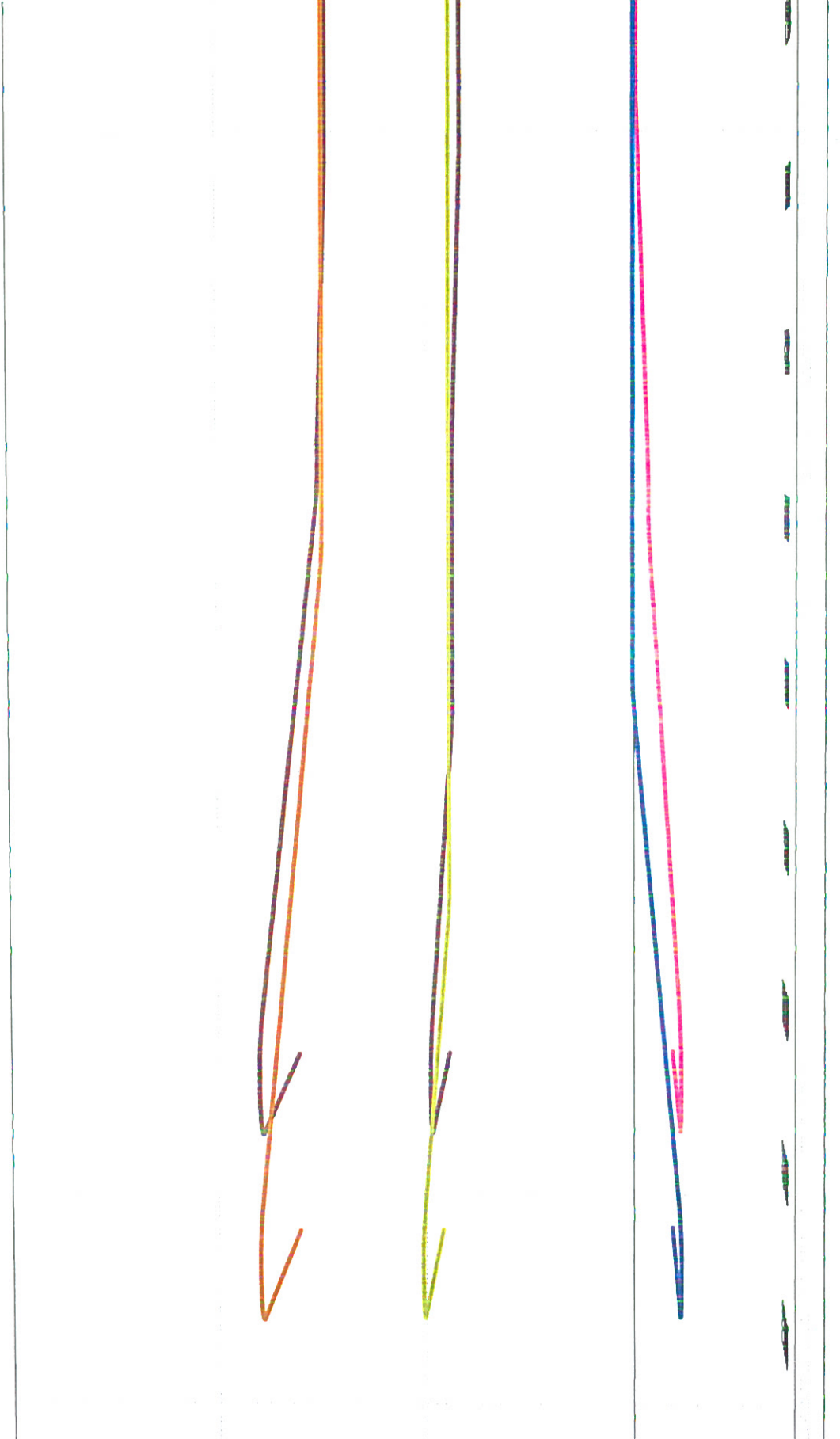
701H

703H

702H



Paduca 16 State - 3D Plot



OCD #'s 16169 thru 16174
Pride Energy Company
June 12, 2018
Ex# 16

Matt Pride

From: Prout, Tim [Tim.Prout@dvn.com]
Sent: Tuesday, September 12, 2017 10:56 AM
To: Matt Pride
Subject: Section 16

Matt,

As we discussed, we are still running our evaluations on whether or not we would be interested in drilling 2 mile laterals to include the N/2 of Sec. 16 at a 75% WI or if we are better off drilling 1.5 mile laterals which would not include the N/2 Sec. 16 at 100% WI.

I wanted to see if you would be interested in selling Devon an undivided 75% in the NW/4 and W/2 NE/4 of Section 16 at 83.3333% NRI, proportionately reduced for \$18,000.00 per net acre for a total of \$3,240,000.00. This would ensure that the N/2 of Sec. 16 is included in our drilling plans and also give you a working interest in the Devon operated wells. If this is something that you would be interested in discussing please let me know. I would like to get something done on this as quickly as possible as we are currently in the process of finalizing our development plans.

If you have any questions, please feel free to give me a call.

Thanks,

Tim Prout
Landman
Delaware Basin Business Unit

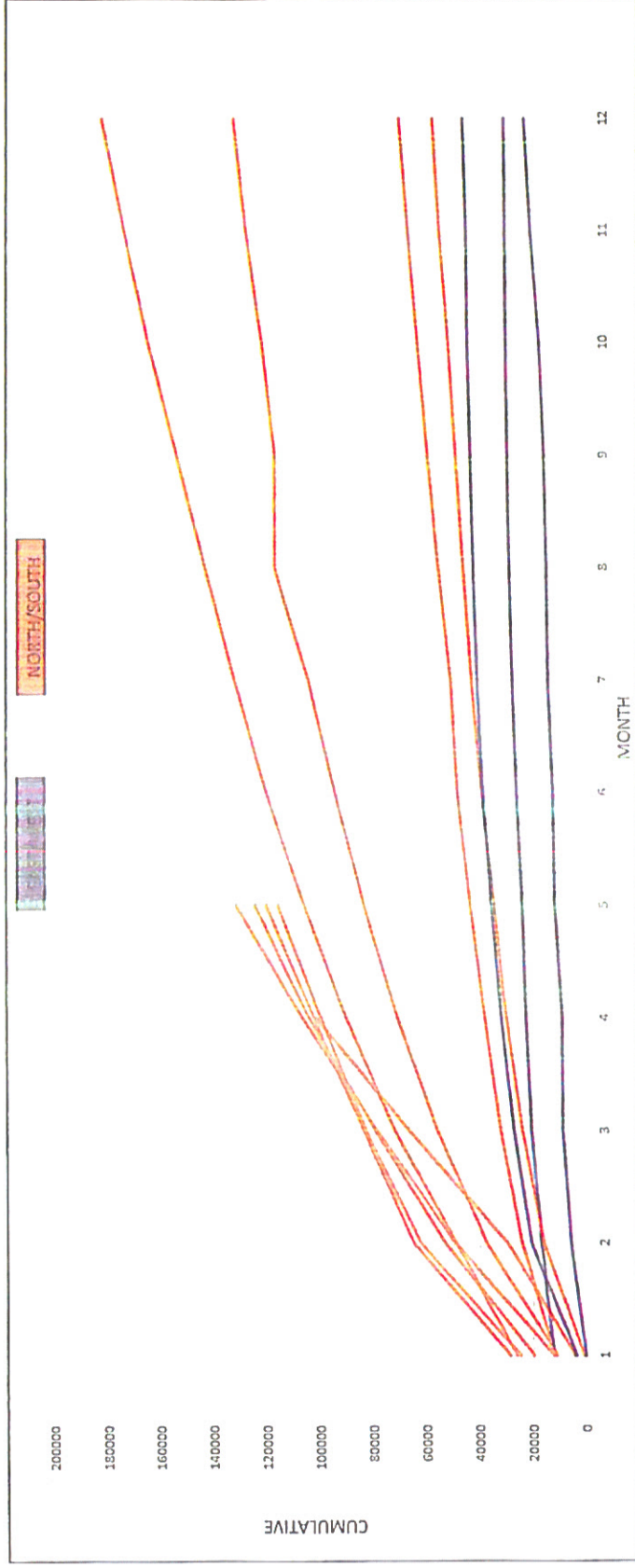
Devon Energy Production Company, L.P.
333 W. Sheridan Ave.
Oklahoma City, OK 73102
405 552 6113 Direct
405 234 2612 Fax



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OCD #'s 16169 thru 16174
Pride Energy Company
June 12, 2018
Ex# 17

1 year OIL PRODUCTION



EAST/WEST											
Well Name: SOL 28 Federal #001H				Well Name: Harrier 35 Federal Com #001H				Well Name: SOL 28 Federal #002H			
API: 30-025-40069				API: 30-025-40572				API: 30-025-40803			
Month	Oil	Cum		Month	Oil	Cum		Month	Oil	Cum	
1	12300	12300		1	276	276		1	3796	3796	
2	4442	16742		2	5490	5766		2	16878	20674	
3	3776	20518		3	2916	8682		3	6397	27071	
4	1933	22451		4	14	8696		4	4476	31547	
5	1203	23654		5	2642	11338		5	3461	35008	
6	1957	25611		6	599	11937		6	3094	38102	
7	1534	27145		7	1763	13700		7	2426	40528	
8	1200	28345		8	566	14266		8	1401	41929	
9	731	29076		9	1008	15274		9	1157	43086	
10	512	29588		10	1873	17147		10	1109	44195	
11	396	29984		11	3325	20472		11	442	44637	
12	353	30337		12	2358	22830		12	1342	45979	
30337				22830				45979			

NC											
Well Name: Cotton Draw 9L Federal #002H				Well Name: Cotton Draw 9L Federal #003H				Well Name: Lippizzan 4 Federal #001H			
API: 30-025-40784				API: 30-025-41451				API: 30-025-41829			
Month	Oil	Cum		Month	Oil	Cum		Month	Oil	Cum	
1	1201	1201		1	12127	12127		1	26468	26468	
2	14854	16055		2	12264	24391		2	22551	49019	
3	8153	24208		3	7733	32124		3	23067	72086	
4	5776	29984		4	5833	37957		4	18100	90186	
5	4352	34336		5	5459	43416		5	15539	105725	
6	4449	38785		6	4599	48015		6	14135	119860	
7	3829	42614		7	2308	50323		7	11752	131612	
8	3111	45725		8	4768	55091		8	11188	142800	
9	2836	48561		9	4128	59219		9	10704	153504	
10	2735	51296		10	3807	63026		10	10870	164374	
11	3518	54814		11	3601	66627		11	9068	173442	
12	2556	57370		12	3383	70010		12	8565	182007	
57370				70010				182007			

IRTH/SOUTH

Well Name: Arabian 30 19 Federal Com #001H				Well Name: Morab 29 20 Federal Com #001H			
API: 30-025-43176				API: 30-025-43187			
Month	Oil	Cum		Month	Oil	Cum	
1	12379	12379		1	11227	11227	
2	37077	49456		2	26328	37555	
3	29327	78783		3	18416	55971	
4	27804	106587		4	14380	70851	
5	24728	131315		5	12497	83348	
6	N/A	#VALUE!		6	10727	94075	
7	N/A	#VALUE!		7	9905	103980	
8	N/A	#VALUE!		8	12540	116520	
9	N/A	#VALUE!		9	0	116520	
10	N/A	#VALUE!		10	4943	121463	
11	N/A	#VALUE!		11	6023	127486	
12	N/A	#VALUE!		12	4581	132067	

131315

132067

NORTH/SOUTH					
Well Name: Arabian 30 19 Federal Com #002H		Well Name: Arabian 30 19 Federal Com #003H			
API: 30-025-43773		API: 30-025-43774			
Month	Oil	Cum	Month	Oil	Cum
1	19929	19929	1	24999	24999
2	33172	53101	2	37538	62537
3	26265	79366	3	20410	82947
4	24876	104242	4	16866	99813
5	19868	124110	5	15684	115497
6	N/A	#VALUE!	6	N/A	#VALUE!
7	N/A	#VALUE!	7	N/A	#VALUE!
8	N/A	#VALUE!	8	N/A	#VALUE!
9	N/A	#VALUE!	9	N/A	#VALUE!
10	N/A	#VALUE!	10	N/A	#VALUE!
11	N/A	#VALUE!	11	N/A	#VALUE!
12	N/A	#VALUE!	12	N/A	#VALUE!
124110		115497			

Well Name: Arabian 30 19 Federal Com #004H				Well Name: Cotton Draw 9L Federal #004H			
API: 30-025-43788				API: 30-025-43836			
Month	Oil	Cum		Month	Oil	Cum	
1	28804	28804		1	4412	4412	
2	36251	65055		2	25277	29689	
3	18707	83762		3	37012	66701	
4	18623	102385		4	34797	101498	
5	17605	119990		5	N/A	#VALUE!	
6	N/A	#VALUE!		6	N/A	#VALUE!	
7	N/A	#VALUE!		7	N/A	#VALUE!	
8	N/A	#VALUE!		8	N/A	#VALUE!	
9	N/A	#VALUE!		9	N/A	#VALUE!	
10	N/A	#VALUE!		10	N/A	#VALUE!	
11	N/A	#VALUE!		11	N/A	#VALUE!	
12	N/A	#VALUE!		12	N/A	#VALUE!	
119990				101498			