

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

State of New Mexico  
Oil Conservation Division  
Energy, Minerals and Natural Resources  
ARTESIA DISTRICT  
MAY 31 2016  
RECEIVED  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised July 18, 2013

☒ AMENDED REPORT  
Change casing & cement

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

Operator Name and Address Basic Energy Services, LP P. O. Box 1375 Artesia NM 88211 (575) 746-2072		UGRID Number 246368
Property Code 316145		APT Number 30-015-43742
Property Name Isaiah Fee SWD		Well No. 1

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	20	23S	28E		1435	N	1008	W	Eddy

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**9. Pool Information**

Pool Name SWD; Devonian	Pool Code 96101
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**Additional Well Information**

11. Work Type N	12. Well Type S	13. Cable/Rotary R	14. Lease Type P	15. Ground Level Elevation 3057'
16. Multiple N	17. Proposed Depth 14600'	18. Formation Montoya	19. Contractor to be determined	20. Spud Date upon approval
Depth to Ground water 70' (in C 00312)		Distance from nearest fresh water well 1098' SW to C 00312		Distance to nearest surface water. ≈2700' SE to canal

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

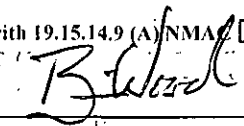
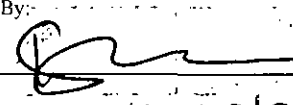
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Conductor	26"	20"	94	120'	Ready-mix	GL
Surface	17.5"	13.375"	54.5	2400'	1965	GL
Intermed.	12.25"	9.625"	43.5 & 47	8935'	1800	GL
Production	8.5"	7"	29	13540'	530	8000'

**Casing/Cement Program: Additional Comments**

Will complete open (6.25") hole 13540' - 14600'
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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
annular & rams	10000 psi	80% of casing	to be determined

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Brian Wood		Approved By: 	
Title: Consultant		Title: <b>Geologist</b>	
E-mail Address: brian@permitswest.com		Approved Date: 6/1/16 Expiration Date:	
Date: 5-26-16	Phone: 505 466-8120	Conditions of Approval Attached	

**District I**  
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311 S. First St., Artesia, NM 88210  
Phone (575) 749-1283 Fax (575) 749-0720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-0178 Fax (505) 334-0170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3470 Fax (505) 476-3402

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Conditions

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: <div style="font-size: 1.5em; font-family: cursive;">Basic Energy</div>		APD Number: 30-015- <div style="font-size: 1.5em; font-family: cursive;">43742</div>
		Well: <div style="font-size: 1.5em; font-family: cursive;">Isaiah Lee SWD #1</div>

OCD Reviewer	Condition
kjones	Will require a directional survey with the C-104
kjones	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.
kjones	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.

Must have approved C-108, MIT, and all regulatory requirements in place prior to injecting

Witnessed MIT must be performed prior to initial injection. Contact Richard Inge 575-748-1283x107 to schedule test.

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