

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD
OCT 23 2017

☐ AMENDED REPORT

RECEIVED

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

¹ Operator Name and Address Judah Oil, LLC P. O. Box 568 Artesia, NM 88211		² OGRID Number 245872
		³ API Number 30-025-44144
⁴ Property Code 319787	⁵ Property Name Doodle Bug State SWD	⁶ Well No. 001

7. Surface Location

UL - Lot	Section\	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
G	16	22S	33E		1498	North	2390	East	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
G	16	22S	33E		1498	North	2390	East	Lea

9. Pool Information

Pool Name SWD; Devonian - Silurian	Pool Code 97869
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Additional Well Information

¹¹ Work Type New	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3554.5
¹⁶ Multiple N	¹⁷ Proposed Depth 17200'	¹⁸ Formation Devonian-Silurian	¹⁹ Contractor TBD	²⁰ Spud Date TBD
Depth to Ground water ~200'		Distance from nearest fresh water well > 1 mile		Distance to nearest surface water 2.2 miles

☒ 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
Surf	26"	20"	106.4	850/1040	800	Surface
1 st Interm	17-1/2"	13-3/8"	68	4730	4100	Surface
2 nd Interm	12-1/4"	9-5/8"	53.5	11600	3000	Surface
Liner	8-1/2"	5-7/8"	39	4700-16420	1800	TOL-4700

Casing/Cement Program: Additional Comments

See attached C-102 and proposed wellbore diagram
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10,000	10,000	NOV (National)

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 checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>DJ Holcomb</i>		OIL CONSERVATION DIVISION Approved By: <i>[Signature]</i>	
Printed name: Danny J. Holcomb Title: Agent Judah Oil, LLC E-mail Address: danny@pwllc.net		Title: Approved Date: 10/25/17 Expiration Date: 10/25/19	
Date: 10/20/2017 Phone: 806-471-5628		Conditions of Approval Attached See Attached Conditions of Approval	

PROPOSED WELLBORE (DRILLING)

New Drill

Judah Oil, LLC

Doodle Bug State SWD #1

API # 30-025-Pending

1498' FNL x 2389' FEL, UL 'G' Sec 16, T22S, R33E, Lea County, NM

All Depths KB

KB 3580'

GL 3555'

T. Rustler 980'

T. Salt 1130'

T. Capitan Reef 4010'

T. Del Sands 5135'

T. Cherry Cyn 6090'

T. Brushy Cyn 7030'

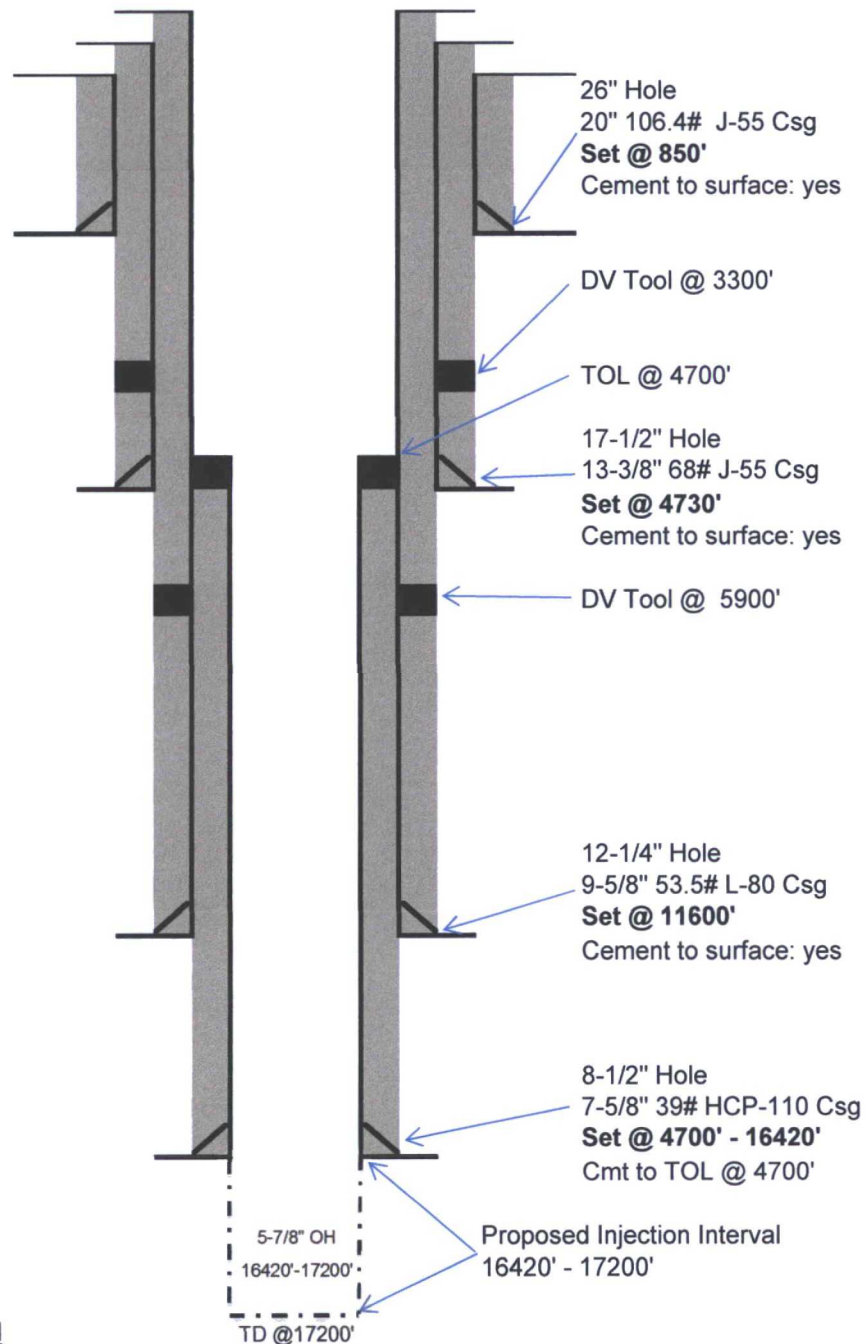
T. Bone Spring 8700'

T. Wolfcamp 11330'

T. Morrow 12330'

T. Devonian 16410'

Formation tops estimated
pending logs



Drawing Not to Scale