

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-44144
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator 3BEAR FIELD SERVICES, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1512 LARIMER ST., SUITE 540 DENVER, CO 80202		7. Lease Name or Unit Agreement Name DOODLE BUG STATE SWD
4. Well Location Unit Letter <u>G</u> : <u>1498</u> feet from the <u>NORTH</u> line and <u>2390</u> feet from the <u>EAST</u> line Section <u>16</u> Township <u>22S</u> Range <u>33E</u> NMPM LEA County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3554.5		9. OGRID Number 372603
		10. Pool name or Wildcat SWD; DEVONIAN-SILURIAN (97869)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: ACID JOB/SRT <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12/29/2020-Upon a successful MIT test, 3Bear Field Services, LLC is requesting an Initial Step Rate Test (SRT) to be conducted on 01/05/2020.

-An Acid job will be completed before the Step Rate Test on 01/04/2020. Both the Acid Job and Step Rate

-Test will be completed by CUDD Energy Services.

-Procedure is attached. Notification has been given to Dist. 1 and to Phillip Goetze with the OCD in Santa Fe.

Spud Date:

10/30/2020

Rig Release Date:

12/27/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jennifer Elrod TITLE Sr. Regulatory Analyst DATE 12/29/2020

Type or print name JENNIFER ELROD E-mail address: jelrod@chisholmenergy.com PHONE: 817-953-3728

For State Use Only

APPROVED BY: Phillip R. Goetze TITLE Acting UIC Manager DATE 01/05/2021

Conditions of Approval (if any):



3 Bear Field Services LLC

DOODLE BUG STATE SWD 001

Lea County, New Mexico

Stage 1

Prepared for: Jesse Fiedorowicz

Contact Number: 303-862-3963



Proposal ID: 2810

12/16/2020

DOODLE BUG STATE SWD 001

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3 Bear Field Services LLC

Thank you for the opportunity to provide this proposal for your consideration. If you have any questions or require further information please feel free to contact us at any time. Cudd Energy Services appreciates the opportunity to provide this information and we look forward to being of service to you in the future.

Contact Information				
Type	Full Name	Phone	Cell	Email
Sales	Robert Stephenson	+1 (432) 570-5300	+1 (432) 425-8259	rstephenson@cudd.com

The estimated cost is for the materials and/or services outlined within. The prices in this analysis are based on Cudd Energy Services current published prices and are effective for 30 days from the date of this analysis. Prices will be reviewed if the work is awarded after 30 days of this written analysis. The projected equipment, personnel, and material needs are estimates based on the information presently available to Cudd. At the time the work is actually performed, conditions may require an increase or decrease in the equipment, personnel, and/or material required. Charges will be based upon prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually used. Taxes, if any, are not included but will be added to the actual invoice.



3 Bear Field Services LLC

Treatment Schedule - Stage 1											
Step Num	Fluid	Stage Type	Cln. Vol. (bbls)	Cln. Vol. (gals)	Ttl. Rate (bpm)	Prop	Cum. Prop. (lbs)	Conc. (lb/gal)	Stg. Time (mins)	Cum. Time (mins)	Time Remaining (mins)
1	Fresh Water	Prepad - Establish Rate	23.8	1,000	15.0		0	0.00	1.6	1.6	154.0
2	20% HCL Acid	Acid	190.5	8,000	25.0		0	0.00	7.6	9.2	152.4
3	20% UltraGel	Acid	381.0	16,000	25.0		0	0.00	15.2	24.4	144.8
4	10# Brine	3 PPG Salt	59.5	2,500	25.0		0	0.00	2.4	26.8	129.5
5	20% HCL Acid	Acid	190.5	8,000	25.0		0	0.00	7.6	34.4	127.1
6	20% UltraGel	Acid	381.0	16,000	25.0		0	0.00	15.2	49.7	119.5
7	10# Brine	3 PPG Salt	59.5	2,500	25.0		0	0.00	2.4	52.1	104.3
8	20% HCL Acid	Acid	190.5	8,000	25.0		0	0.00	7.6	59.7	101.9
9	20% UltraGel	Acid	381.0	16,000	25.0		0	0.00	15.2	74.9	94.3
10	10# Brine	3 PPG Salt	59.5	2,500	25.0		0	0.00	2.4	77.3	79.0
11	20% HCL Acid	Acid	190.5	8,000	25.0		0	0.00	7.6	84.9	76.7
12	20% UltraGel	Acid	381.0	16,000	25.0		0	0.00	15.2	100.2	69.0
13	10# Brine	3 PPG Salt	59.5	2,500	25.0		0	0.00	2.4	102.5	53.8
14	20% HCL Acid	Acid	190.5	8,000	25.0		0	0.00	7.6	110.2	51.4
15	20% UltraGel	Acid	381.0	16,000	25.0		0	0.00	15.2	125.4	43.8
16	Fresh Water	Flush	714.3	30,000	25.0		0	0.00	28.6	154.0	28.6

Blender Schedule - Stage 1											
Step #	Clean Rate (bpm)	Stg. Clean (bbls)	Cum. Clean (bbls)	Blender Conc. (lb/gal)	Slurry Rate (bpm)	Stg. Slurry (bbls)	Cum. Slurry (bbls)	Prop Rate (lb/m)	Stg. Prop (lbs)	Cum. Prop (lbs)	Stg. Time (mins)
1	15.00	23.8	23.8	0.00	15.00	23.8	23.8	0	0	0	1.6
2	25.00	190.5	214.3	0.00	25.00	190.5	214.3	0	0	0	7.6
3	25.00	381.0	595.2	0.00	25.00	381.0	595.2	0	0	0	15.2
4	25.00	59.5	654.8	0.00	25.00	59.5	654.8	0	0	0	2.4
5	25.00	190.5	845.2	0.00	25.00	190.5	845.2	0	0	0	7.6
6	25.00	381.0	1,226.2	0.00	25.00	381.0	1,226.2	0	0	0	15.2
7	25.00	59.5	1,285.7	0.00	25.00	59.5	1,285.7	0	0	0	2.4
8	25.00	190.5	1,476.2	0.00	25.00	190.5	1,476.2	0	0	0	7.6

DOODLE BUG STATE SWD 001

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3 Bear Field Services LLC

Blender Schedule - Stage 1											
Step #	Clean Rate (bpm)	Stg. Clean (bbls)	Cum. Clean (bbls)	Blender Conc. (lb/gal)	Slurry Rate (bpm)	Stg. Slurry (bbls)	Cum. Slurry (bbls)	Prop Rate (lb/m)	Stg. Prop (lbs)	Cum. Prop (lbs)	Stg. Time (mins)
9	25.00	381.0	1,857.1	0.00	25.00	381.0	1,857.1	0	0	0	15.2
10	25.00	59.5	1,916.7	0.00	25.00	59.5	1,916.7	0	0	0	2.4
11	25.00	190.5	2,107.1	0.00	25.00	190.5	2,107.1	0	0	0	7.6
12	25.00	381.0	2,488.1	0.00	25.00	381.0	2,488.1	0	0	0	15.2
13	25.00	59.5	2,547.6	0.00	25.00	59.5	2,547.6	0	0	0	2.4
14	25.00	190.5	2,738.1	0.00	25.00	190.5	2,738.1	0	0	0	7.6
15	25.00	381.0	3,119.0	0.00	25.00	381.0	3,119.0	0	0	0	15.2
16	25.00	714.3	3,833.3	0.00	25.00	714.3	3,833.3	0	0	0	28.6

DOODLE BUG STATE SWD 001

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3 Bear Field Services LLC

Fluid System - Stage 1		
Parts Per Thousand	UOM	Description
40,000 gals 20% HCL Acid Additives per 1,000 gallons		
1000.00	GAL	20% HCL Acid
1.00	GAL	AGA-340
3.00	GAL	FE-6
4.00	GAL	I-122
1.00	GAL	NE-227
10,000 gals 10# Brine Additives per 1,000 gallons		
80,000 gals 20% UltraGel Additives per 1,000 gallons		
1000.00	GAL	20% HCL Acid
15.00	GAL	AGA-340
3.00	GAL	FE-6
4.00	GAL	I-116
31,000 gals Fresh Water Additives per 1,000 gallons		



3 Bear Field Services LLC

Product Descriptions	
Product	Description
AGA-340	Ethoxylated amine acid gelling agent for low to moderate temperature wells.
FE-6	Iron Chelating agent / Acetic Acid
I-116	Nonionic acid corrosion inhibitor where cationic inhibitors may be inappropriate. For use up to 150° F.
I-122	Acid corrosion Inhibitor for use at temperatures from 140° F to 225° F.
NE-227	Non-emulsifier



3 Bear Field Services LLC

DOODLE BUG STATE SWD 001

Lea County, New Mexico

Stage 1

Prepared for: Jesse Fiedorowicz

Contact Number: 303-862-3963



Proposal ID: 2813

12/16/2020

DOODLE BUG STATE SWD 001

1 of 5



3 Bear Field Services LLC

Thank you for the opportunity to provide this proposal for your consideration. If you have any questions or require further information please feel free to contact us at any time. Cudd Energy Services appreciates the opportunity to provide this information and we look forward to being of service to you in the future.

Contact Information				
Type	Full Name	Phone	Cell	Email
Salesperson	Robert Stephenson	+1 (432) 570-5300	+1 (432) 425-8259	rstephenson@cudd.com

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Treatment Schedule - Stage 1											
Step Num	Fluid	Stage Type	Cln. Vol. (bbls)	Cln. Vol. (gals)	Ttl. Rate (bpm)	Prop	Cum. Prop. (lbs)	Conc. (lb/gal)	Stg. Time (mins)	Cum. Time (mins)	Time Remaining (mins)
1	Fresh Water		150.0	6,300	5.0		0	0.00	30.0	30.0	180.0
2	Fresh Water		300.0	12,600	10.0		0	0.00	30.0	60.0	150.0
3	Fresh Water		450.0	18,900	15.0		0	0.00	30.0	90.0	120.0
4	Fresh Water		600.0	25,200	20.0		0	0.00	30.0	120.0	90.0
5	Fresh Water		750.0	31,500	25.0		0	0.00	30.0	150.0	60.0
6	Fresh Water		900.0	37,800	30.0		0	0.00	30.0	180.0	30.0

Blender Schedule - Stage 1											
Step #	Clean Rate (bpm)	Stg. Clean (bbls)	Cum. Clean (bbls)	Blender Conc. (lb/gal)	Slurry Rate (bpm)	Stg. Slurry (bbls)	Cum. Slurry (bbls)	Prop Rate (lb/m)	Stg. Prop (lbs)	Cum. Prop (lbs)	Stg. Time (mins)
1	5.00	150.0	150.0	0.00	5.00	150.0	150.0	0	0	0	30.0
2	10.00	300.0	450.0	0.00	10.00	300.0	450.0	0	0	0	30.0
3	15.00	450.0	900.0	0.00	15.00	450.0	900.0	0	0	0	30.0
4	20.00	600.0	1,500.0	0.00	20.00	600.0	1,500.0	0	0	0	30.0
5	25.00	750.0	2,250.0	0.00	25.00	750.0	2,250.0	0	0	0	30.0
6	30.00	900.0	3,150.0	0.00	30.00	900.0	3,150.0	0	0	0	30.0



3 Bear Field Services LLC

Fluid System - Stage 1		
Parts Per Thousand	UOM	Description
132,300 gals Fresh Water Additives per 1,000 gallons		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 18169

CONDITIONS OF APPROVAL

Operator:	3BEAR FIELD SERVICES, LLC	1512 Larimer St, Suite 540	Denver, CO80202	OGRID:	372603	Action Number:	18169	Action Type:	C-103A
OCD Reviewer	Condition								
pgoetze	None								