

Foundation Energy Management, LLC

WELLBORE DIAGRAM

Well / Battery	Prospect Name	Total Depth	Current Status
Bitsy Federal #1 SWD	ENERVEST	9442	Active SWD
API Number	Sec-Twn-Rng	Injecting Horizon	County & State
30-025-33398	7H-23S-32E		LEA, NEW MEXICO

WELLBORE DIAGRAM

Updated Date: 8/18/2019

Prepared By: [REDACTED]

Tubing Detail

2-7/8" inch(OD)
(weight)
IPC grade

Tubing Tally	Length	Depth
164JTS 2-7/8" IPC TBG	4902	4902
ON/OFF	2	4904
2.25 PROFILE NIPPLE	1	4905
2-7/8"X5-1/2 AEROSSET PKR	5	4910

Notes:

SWD PERMITTED
4,921-6,270'

930# MAX ALLOWABLE
2000 BPD MAX ALLOWABLE

Feb 2009-SWD Conversion
May 2012-Additional Perfs, Acidize
Dec 2012-Additional Perfs, Acidize
Aug 2019 - Additional Perfs, Acidize

Surface Casing

13-3/8" inch (OD)
48 # (weight)
H-40 grade
858 depth from KB
surface cement top
650 sacks of cement
17-1/2" inch (OD) HOLE SIZE

Intermediate Casing

8-5/8" inch (OD)
32 # (weight)
J-55 grade
4338 depth from KB
surface cement top
1500 sacks of cement
12-1/2" inch (OD) HOLE SIZE

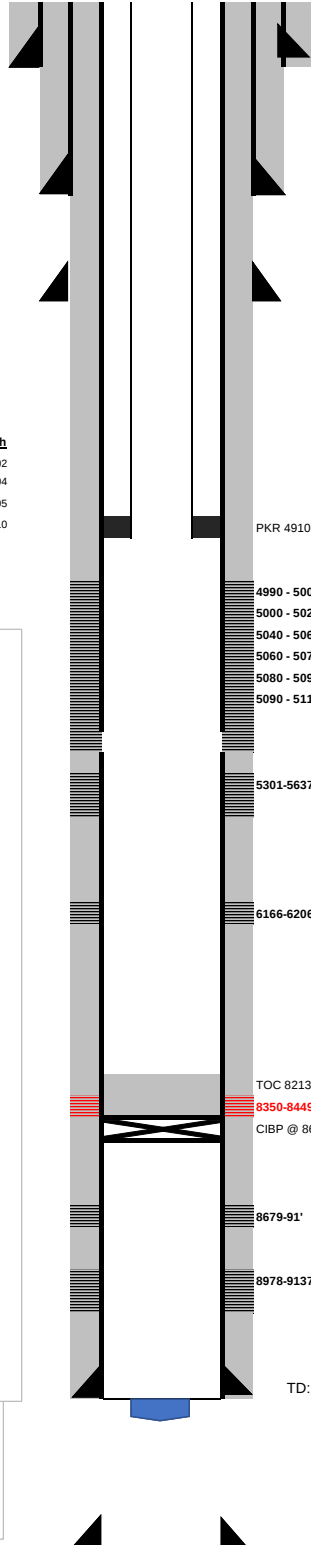
Production Casing

5-1/2" inch (OD)
17 # (weight)
J55/N80 grade
9442 depth from KB
SURFACE cement top
1330 sacks of cement
7-7/8" inch (OD) HOLE SIZE

Casing Breakdown

Surface to 842' N-80
842-7975' J-55
7975- 9442' N-80

PERMIT INJ ZONE
4,660-6,270'



PKR 4910'

4990 - 5000

5000 - 5020

5040 - 5060

5060 - 5070

5080 - 5090

5090 - 5110

5301-5637'

6166-6206'

TOC 8213'

8350-8449' 150 sx (2/16/2000)

CIBP @ 8629'

8679-91'

8978-9137'

TD: 9442

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 71225

DEFINITIONS

Operator: FOUNDATION ENERGY MANAGEMENT, LLC 5057 KELLER SPRINGS RD ADDISON, TX 75001	OGRID: 370740
	Action Number: 71225
	Action Type: [UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: this application's operator, hereinafter "this operator".
This form must be completed as part of OCD's Seismicity Response Protocol and updated after any qualifying event thereafter.
Applicability: This form must be completed for each well classified as an Underground Injection Control (UIC) Class II disposal well or Class II enhanced recovery injection well with active injection authority (wells). "Active injection authority" means a well that is authorized to inject pursuant to an administrative permit or hearing order. This includes wells that have an approved Application for Permit to Drill and have an approved injection permit but have not yet been drilled or commenced injection.

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QUESTIONS

Action 71225

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QUESTIONS

Prerequisites	
Well	[30-025-33398] BITSY FEDERAL SWD #001

Seismic Event Information

The source and reference ID is required, if you would like to submit information of a new seismic event.

Source of information (i.e., USGS, NMTSO, TexNet, other)	USGS
Reference ID from source of information	us7000ftrh
Magnitude	3.2
Latitude	32.41000
Longitude	-103.59000
Date of occurrence	11/13/2021
Depth of occurrence (kilometers)	5.00

Injection Order

Please indicate the latest (current) injection order permitting injection for this well.

Admin Order (SWD-#)	SWD-1156-0 [pKAA0834331487]
Hearing Order (R-#)	Not answered.

Well Information

The following information is required for each well permitted within a 10-mile proximity of the epicenter.

Distance from epicenter (miles)	9
Top perforated and/or open-hole interval (vertical depth in feet)	4,990
Bottom perforated and/or open-hole interval (vertical depth in feet)	6,206
Formation(s) completed	Deleware

Well Information Prior to Injection Volume Reduction

Daily rates and pressures are based on the active injection days during the prior 6-month period.

Average daily injection rate (BBLS per day), prior to reduction	268
Average injection daily pressure (PSI), prior to reduction	687
Well Type (i.e., Commercial, Lease Only, Single Operator)	Single Operator

Well Information After Injection Volume Reduction

The following information is required for each well permitted within a 10-mile proximity of the epicenter.

Required injection rate reduction percentage (0%, 25%, 50%, Shut-in)	0%
Average daily injection rate (BBLS per day) limit, post reduction	2,000
Average injection daily pressure (PSI) limit, post reduction	930
Reduction start date	01/10/2022
Reduction achieved date	01/10/2022

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	This operator acknowledges that it must take the appropriate following action(s) as part of its seismic response protocol:
☒	This operator shall report the daily injection volumes and pressures for each well on a weekly basis on the form prescribed by the OCD. The report is due on the Wednesday the week following the weekly monitoring interval.
☒	This operator shall start or continue to digitally measure injection volumes and pressures for each well at a minimum of an hourly basis, and shall archive the data and make it available to OCD upon receipt of a written request.
☒	This operator shall monitor seismicity events with magnitudes equal to or greater than M2.5 within a radius of 10 miles around each well using USGS / NMTSO data, and shall archive the data and make it available to OCD upon receipt of a written request.
☒	This operator shall notify OCD and provide updated pertinent well information within 24 hours of an event greater than M 2.5 within a radius of 10 miles around each well using this OCD form.
☒	After each event greater than M 2.5 within a radius of 10 miles around each well, this operator shall inspect well head and well equipment of each well to ensure proper working order. As part of this inspection, Operator should evaluate whether a Bradenhead test or MIT is warranted to ensure wellbore integrity.
☒	I certify that, after reasonable inquiry and based on the available information at the time of submittal, this Seismic Information Form is true and correct to the best of my knowledge, and I acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

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CONDITIONS

Created By	Condition	Condition Date
aschaefer	Accepted for record	1/6/2023