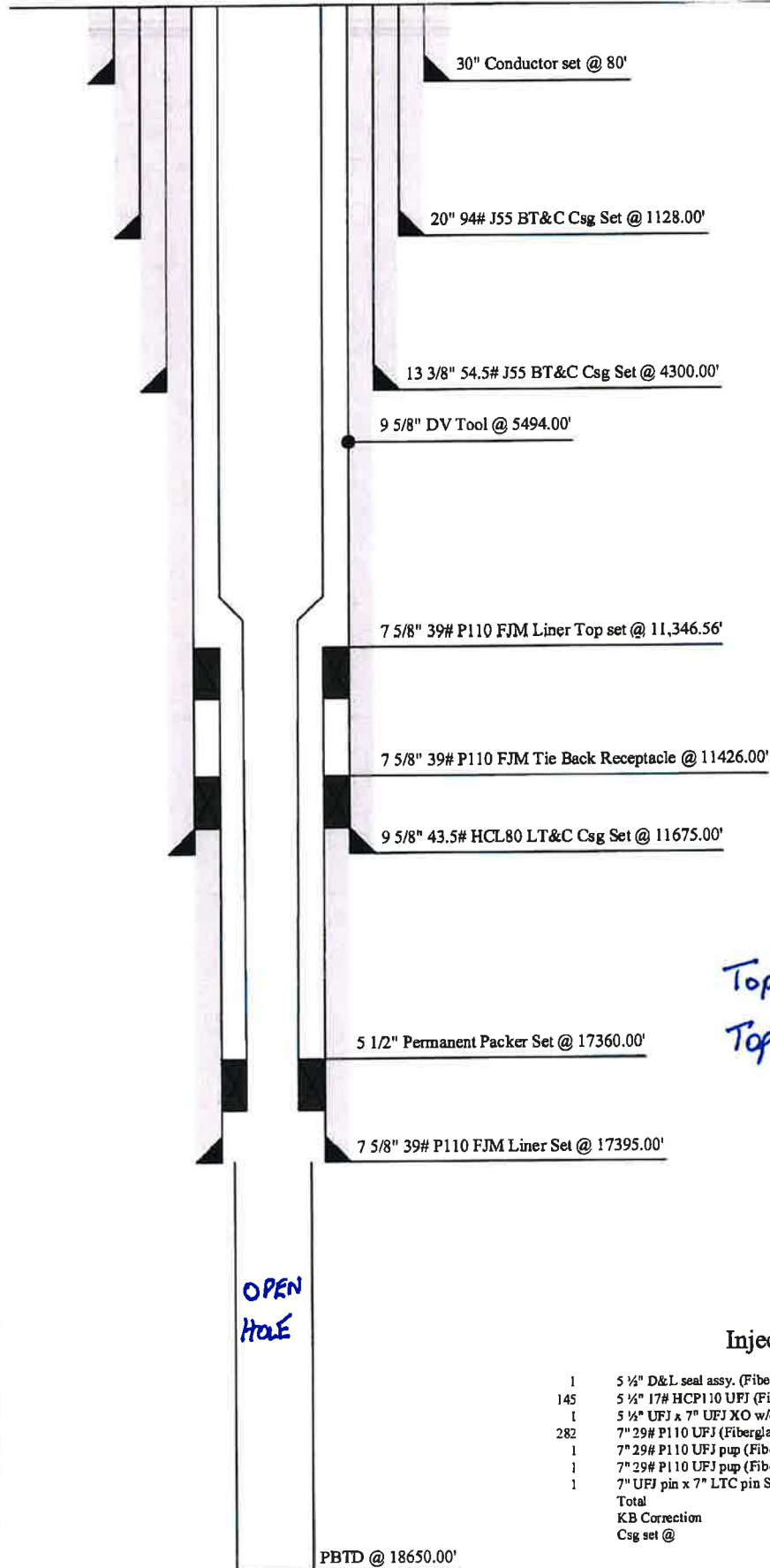


**MEWBOURNE OIL COMPANY Red Hills West SWD #2 (SWD-1988)****Casing Diagram****30-025-45469**

Top WOODFORD 17,220'

Top DEVONIAN 17,380'

**Injection String**

1	5 1/2" D&L seal assy. (Fiberglass lined)	2.20'
145	5 1/2" 17# HCP110 UFJ (Fiberglass lined)	6166.18'
1	5 1/2" UFJ x 7" UFJ XO w/8.4" no-go (Fiberglass lined)	4.25'
282	7" 29# P110 UFJ (Fiberglass lined)	11151.22'
1	7" 29# P110 UFJ pup (Fiberglass lined)	18.50'
1	7" 29# P110 UFJ pup (Fiberglass lined)	2.50'
1	7" UFJ pin x 7" LTC pin SS XO (Fiberglass lined)	3.50'
	Total	17348.35'
	KB Correction	28.50'
	Csg set @	17376.85'

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**District IV**  
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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 65834

DEFINITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:
	14744
	Action Number:
	65834
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: <ul style="list-style-type: none"><li>this application's operator, hereinafter "this operator".</li></ul>
This form must be completed as part of OCD's Seismicity Response Protocol and updated after any qualifying event thereafter.
<b>Applicability:</b> 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 65834

**QUESTIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744 Action Number: 65834 Action Type: [UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)
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**QUESTIONS**

<b>Prerequisites</b>	
Well	[30-025-45469] RED HILLS WEST SWD #002

**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	TX2021OALQ
Magnitude	4.0
Latitude	32.07100
Longitude	-103.71900
Date of occurrence	07/19/2021
Depth of occurrence (kilometers)	5.00

**Injection Order**

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

Admin Order (SWD-#)	SWD-1988-0 [pPRG1906630832]
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)	2
Top perforated and/or open-hole interval (vertical depth in feet)	17,395
Bottom perforated and/or open-hole interval (vertical depth in feet)	18,650
Formation(s) completed	Devonian & Silurian

**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	19,008
Average injection daily pressure (PSI), prior to reduction	876
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)	Shut-in
Average daily injection rate (BBLS per day) limit, post reduction	0
Average injection daily pressure (PSI) limit, post reduction	264
Reduction start date	09/21/2021
Reduction achieved date	09/21/2021

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ACKNOWLEDGMENTS

Action 65834

**ACKNOWLEDGMENTS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	65834
	Action Type:	[UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	This operator acknowledges that it must take the appropriate following action(s) as part of its seismic response protocol:
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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  
  
Action 65834

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 65834
	Action Type: [UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

CONDITIONS

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