

API #	30-015-22233	Lakewood AQE State SWD #001	County, ST	Eddy County, NM
Operator	Spur Energy Partners		Sec-Twin-Rng	30-19S-26E
Field	SWD, Canyon		Footage	1980 FNL 1980 FWL
Spud Date	8/9/1977		Survey	32.633419 -104.4233398

Formation (MD)	
San Andres	
Glorieta	
Yeso	
Bone Spring	
Wolfcamp	
Canyon	
Strawn	
Atoka	
Morrow	

RKB	
GL	3436

Hole Size	17-1/2"
TOC	Surface
Method	Circ

Csg Depth	500'
Size	13-3/8"
Weight	48
Grade	H-40
Connections	STC
Cement	600 sx

Well History

Tubing Detail				
Jts	Size	Depth	Length	Detail
240	3-1/2"	7850.3	7850.3	3-1/2" IPC Tubing
1	3-1/2"	7851.8	1.5	O/O Tool
1	7"	7859.4	7.6	7" x 3-1/2" AS1X Packer

Rod Detail				
Rods	Size	Depth	Length	Detail

Hole Size	12-1/4"
TOC	Surface
Method	Circ

Csg Depth	1400'
Size	9-5/8"
Weight	36
Grade	K-55
Connections	STC
Cement	750 sx

Last Update	4/20/2022
By	RCB

PBTD	8494'
TD MD	9726'
TD TVD	9726'

Hole Size	8-3/4"
TOC	Surface
Method	Circ

Csg Depth	8567'
Size	7"
Weight	23 & 26
Grade	N-80, J-55
Connections	LTC
Cement	1650 sx

Perforations
 2536'-2560' squeezed 5/6/2009
 2888'-3060' squeezed 5/6/2009
 7936'-8210'

District I
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District II
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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 100120

DEFINITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	100120
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">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 100120

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 100120
	Action Type: [UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

QUESTIONS

Prerequisites	
Well	[30-015-22233] LAKEWOOD AQE STATE 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	us7000gz9h
Magnitude	2.8
Latitude	32.51500
Longitude	-104.44300
Date of occurrence	04/02/2022
Depth of occurrence (kilometers)	1.80

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

Admin Order (SWD-#)	SWD-846-A [pKAA0905451595]
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)	8
Top perforated and/or open-hole interval (vertical depth in feet)	7,936
Bottom perforated and/or open-hole interval (vertical depth in feet)	8,210
Formation(s) completed	SWD; CISCO

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	10,189
Average injection daily pressure (PSI), prior to reduction	1,321
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	0
Average injection daily pressure (PSI) limit, post reduction	0
Reduction start date	04/02/2022
Reduction achieved date	04/02/2022

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ACKNOWLEDGMENTS

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	Action Number:	100120
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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

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	Action Number: 100120
	Action Type: [UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

CONDITIONS

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