

API #	30-015-28992	<div>Osage Boyd 15 SWD #1</div> <div>Formerly the Osage Boyd 15 Federal #8</div>	County, ST	Eddy County, NM
Operator	Percussion Petroleum		Sec-Twn-Rng	15-19S-25E
Field	Dagger Draw; Upper Penn, North		Footage	1980' FNL and 1980' FWL
Spud Date	6/18/1996		Survey	32.6628227,-104.474762

Formation (MD)	
San Andres	767'
Glorieta	2372'
Yeso	
Bone Spring	3931'
Wolfcamp	5654'
Canyon	
Strawn	
Atoka	
Morrow	

RKB	3467'
GL	3454'

Hole Size	14-3/4"
TOC	surf
Method	circ returns

Csg Depth	1132'
Size	9-5/8"
Weight	36ppf
Grade	J55
Connections	STC
Cement	1150sx

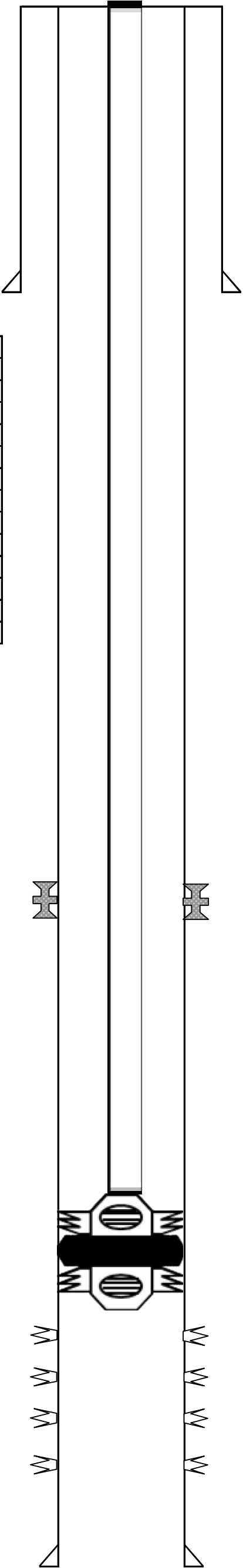
Tubing Detail				
Jts	Size	Depth	Length	Detail
	3-1/2"	7650'	7650'	IPC Tubing

Hole Size	8-3/4"
TOC	surf
Method	circ returns

Csg Depth	8135'
Size	7"
Weight	23/26ppf
Grade	K55/N80
Connections	
Cement	1200sx

Last Update	12/17/2018
By	Kenny Norton

PBTD	8034'
TD MD	8135'
TD TVD	8135'



Well History

10/23/1996 Pickle tbg w/ 7bbl xylene and 7bbl HCL acid. Spot 48bbl 15% NEFE acid to 6605'. Perf Cisco/Canyon from 7682'-7827'.

10/24/1996 Acidize perfs w/ 102bbl NEFE acid. Acid frac perfs w/ 24bbl xylene and 952bbl 20% gelled NEFE acid. ATR: 41bpm. ATP: 2500#. ISIP: 2200#, 838# (15min).

10/25/1996 Set ESP.

2/13/2005 TA well.

6/12/2018 Convert to SWD.

DV Tool
at 5946'

Pkr set @ 7650'

Perforations
7869' - 7965', 144 shots, 120° phasing

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

Action 100174

DEFINITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	100174
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

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Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 100174
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QUESTIONS

Prerequisites	
Well	[30-015-28992] OSAGE BOYD 15 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	32.52000
Longitude	-104.44000
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-1717-0 [pMAM1803143274]
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)	7,682
Bottom perforated and/or open-hole interval (vertical depth in feet)	7,916
Formation(s) completed	SWD; CISCO-CANYON

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	3,786
Average injection daily pressure (PSI), prior to reduction	1,524
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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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

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