

API #	30-015-27457	Ross Ranch 22 #1 SWD	County, ST	Eddy County, NM
Operator	Percussion Petroleum		Sec-Twn-Rng	22-19S-25E
Field	Dagger Draw; Upper Penn, North		Footage	1980' FNL and 660' FWL
Spud Date	8/19/1996		Survey	32.644474,-104.4789352

Formation (MD)	
San Andres	688'
Glorieta	2222'
Yeso	
Bone Spring	3671'
Wolfcamp	
Canyon	7616'
Strawn	8363'
Atoka	8757'
Morrow	9006'

RKB	3465'
GL	3478'

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

Csg Depth	1110'
Size	9-5/8"
Weight	36ppf
Grade	J55
Connections	STC
Cement	1300sx

Well History

9/6/1996 Ran DST #2 in Cisco/Canyon (7644'-7706').
9/8/1996 Ran DST #3 in Cisco/Canyon (7710'-7800').
9/15/1996 Ran DST #3 in Morrow (9120'-9210').
9/17/1996 Logs (NGT, GR, CAL, Sonic, FMI).
9/26/1996 Drill out DV tool at 7015'.
10/1/1996 Pickle inside/outside of tbg w/ 7bbls xylene + 7bbls 15% HCL. Spot 48bbls 15% NEFE acid 6590'-7800'.
Perf Cisco/Canyon from 7704'-7741', 7767'-7778'.
10/2/1996 Acidize perms 7704'-7778' w/ 6bbls NEFE acid + additives per 6' setting.
10/3/1996 Acid frac w/ 24bbls xylene + 774bbls 20% gelled NEFE acid + additives w/ 98 1.3 SG ball sealers and 2000# rock salt in 2 stages. ATP 1600psi at 25bpm. ISIP 984psi, vacuum in 2 min.
Set bottom of ESP at 8000'.
4/23/1999 ESP stuck in hole. Worked fish free. New ESP.
9/15/1999 PU ESP and set 912 pumping unit.
8/26/2005 Perf Cisco/Canyon from 7630'-7660'.
8/31/2005 Break down perms w/ PPI tools at 6' intervals w/ acid
6/26/2006 Cement squeeze perms. CIRC set at 7414'.
7/13/2006 Pickle tbg w/ 7bbls xylene + 18bbls 15% HCL.
Logs (GR/CCL) to correlate TD depth to open hole log.
7/15/2006 Perf Morrow. No report. Isolate Cisco/Canyon perms w/ packer.
12/12/2011 Last report.
2/4/2019 Convert to SWD

Tubing Detail				
Jts	Size	Depth	Length	Detail
234	3-1/2"	7555'	7555'	3-1/2" L80 9.3# EUE 8rd IPC Tubing
1	PKR	7559'	4'	7" Nickel Plated Pkr w/ 2.31" F profile

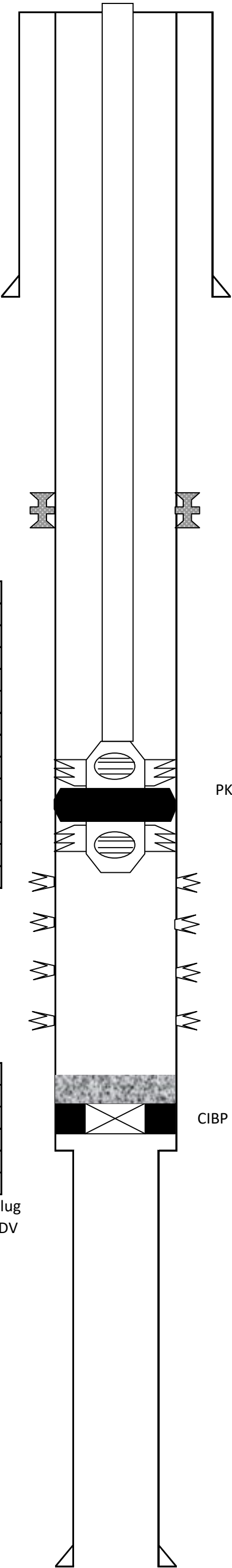
Hole Size	8-3/4"
TOC	surf
Method	circ returns

Csg Depth	8060'	9444'
Size	7"	5-1/2"
Weight	26/29ppf	17ppf
Grade	N80/L80/K55	N80
Connections	LTC/BTC	LTC
Cement	1950sx	1850

900sx bump plug
950sx closed DV

Last Update	4/8/2019
By	RCB

PBTD	8015'
TD MD	9444'
TD TVD	9444'



Perforations

7630'-7660' (Cisco/Canyon): 8/26/2005 2 spf

7704'-7741' (Cisco/Canyon): 10/1/1996 w/ 4" gun 2jspf (CNL/LDT)
7767'-7778' (Cisco/Canyon): 10/1/1996 w/ 4" gun 2jspf (CNL/LDT)
7630'-7990' (Cisco/Canyon): 2/6/19 w/4" gun, 2 spf, 370 holes

CIBP @ 8050' w/ 35' of cement on top

9136'-9142' (Morrow): 7/15/2006 w/ 6spf
9162'-9174' (Morrow): 7/15/2006 w/ 6spf

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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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

DEFINITIONS

Action 100188

DEFINITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 100188
	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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QUESTIONS

Prerequisites	
Well	[30-015-27457] ROSS RANCH 22 #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-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)	9
Top perforated and/or open-hole interval (vertical depth in feet)	7,640
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	5,941
Average injection daily pressure (PSI), prior to reduction	1,257
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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Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	100188
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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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CONDITIONS

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