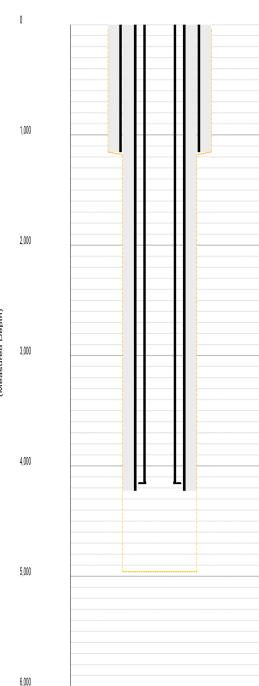
Page 1

# **Wellbore Schematic**

Well ID: 29908-016 API # 30-025-32443

3/2/2022

B F Harrison B # 16 996 FNL & 531 FWL GL Elev: 3,319.00 KOP: B F Harrison B # 16, 3/2/2022 Section 9, Township 23S, Range 37E EOC: County, State: Lea, NM Fill Depth: PBTD: Aux ID: 'KB' correction: ; All Depths Corr To: TD: 4,960.00 BOP:



Hole Size			
Diameter	Top At	Btm At	Date Drilled
11.0000	40.00	1,156.00	5/17/1994
7 8750	1 180 00	4 960 00	5/20/1994

Surface Casing						Date Ran:	5/16/1994
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	27	8.6250	24.00		1,156.00	0.00	1,156.00

Printed:

<b>Production Casi</b>	ng					Date Ran:	5/17/1994
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	97	5.5000	15.50		4,225.00	0.00	4,225.00

## Cement

Top At	Btm At	ID	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	1,156.00	8.625	11.000	Est	10 - Lead	650	Н	
0.00	4,225.00	5.500	7.875	Est	20 - Lead	1100	Н	
Lead: 900sx 35/65 Poz H w/ 6% gel, 5% slt, 1/4# Flocele. FB 200sx Cl H								

### **Zone and Perfs**

# **Comments / Completion Summary**

4225-4960 Acdzd w/ 10,000 gals 15% HCL. Re-aczd w/ 3000 gals 15% NEFE w/ 1000# rck slt in 2 stgs.

# Perforations

Тор	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl#
4,225.00	4,960.00	San Andres	Α	6/5/1994			

Tubing						Date Ran:	6/5/1994
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	129	3.5000	9.20	N80	4,147.49	0.00	4,147.49
On-Off Tool	1	2.8750			5.50	4,147.49	4,152.99
Crossover	1	3.5000			0.42	4,152.99	4,153.41
Packer	1	4.5000			6.95	4,153.41	4,160.36
Bull Plug	1	2.8750			0.44	4,160.36	4,160.80

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811 S. First St., Artesia, NM 88210 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

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 85763

### **DEFINITIONS**

Operator:	OGRID:
SOUTHWEST ROYALTIES INC	21355
P O BOX 53570	Action Number:
Midland, TX 79710	85763
	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 and approved injection permit but have not yet been drilled or commenced injection.

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

QUESTIONS

Action 85763

# **QUESTIONS**

Operator:	OGRID:
SOUTHWEST ROYALTIES INC	21355
P O BOX 53570	Action Number:
Midland, TX 79710	85763
	Action Type:
	[UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

### QUESTIONS

Prerequisites	
Well	[30-025-32443] B F HARRISON B #016

Seismic Event Information			
The source and reference ID is required, if you would like to submit information of a new seismic evo	ent.		
Source of information (i.e., USGS, NMTSO, TexNet, other)	USGS		
Reference ID from source of information	tx2021rcnt		
Magnitude	2.5		
Latitude	32.21280		
Longitude	-103.09460		
Date of occurrence	09/01/2021		
Depth of occurrence (kilometers)	5.00		

Injection Order		
Please indicate the latest (current) injection order permitting injection for this well.		
Admin Order (SWD-#)	SWD-553-0 [pDEV0020900553]	
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)	4,225	
Bottom perforated and/or open-hole interval (vertical depth in feet)	4,960	
Formation(s) completed	San Andres	

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	988	
Average injection daily pressure (PSI), prior to reduction	425	
Well Type (i.e., Commercial, Lease Only, Single Operator)	Lease Only	

Well Information After Injection Volume Reduction			
The following information is required for each well permitted within a 10-mile proximity of the epic	owing 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	988		
Average injection daily pressure (PSI) limit, post reduction	425		
Reduction start date	01/01/2022		
Reduction achieved date	01/01/2022		

ACKNOWLEDGMENTS

Action 85763

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# **ACKNOWLEDGMENTS**

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

### **ACKNOWLEDGMENTS**

V	This operator acknowledges that it must take the appropriate following action(s) as part of its seismic response protocol:
V	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.
V	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.
V	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.
V	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.
V	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.
V	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 85763

# **CONDITIONS**

Operator:	OGRID:
SOUTHWEST ROYALTIES INC	21355
P O BOX 53570	Action Number:
Midland, TX 79710	85763
	Action Type:
	[UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

### CONDITIONS

Created By	Condition	Condition Date
aschaefe	r Accepted for record	1/6/2023