

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-50193
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ozzy State 18 SWD
8. Well Number 1
9. OGRID Number 372210
10. Pool name or Wildcat SWD; Canyon

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD Injection	
2. Name of Operator Longfellow Energy, LP	
3. Address of Operator 8115 Preston Rd., Suite 800, Dallas, TX, 75225	
4. Well Location Unit Letter J : 2280 feet from the South line and 1972 feet from the East line Section 18 Township 17S Range 29E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3654 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: SWD-2389 Downhole Pressure Survey <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See the attached downhole pressure survey and chart for SWD-2389.

Spud Date:

5-30-2024

Rig Release Date:

6-15-2024

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David Cain TITLE Sr. Engineering Tech & Regulatory Specialist DATE 3/26/2025

Type or print name David Cain E-mail address: david.cain@longfellowenergy.com PHONE: 972-590-9918

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

Ozzy State 18 SWD #001

Client: **Longfellow Energy**

Well Name: **Ozzy State 18 SWD**

Location: **#001**

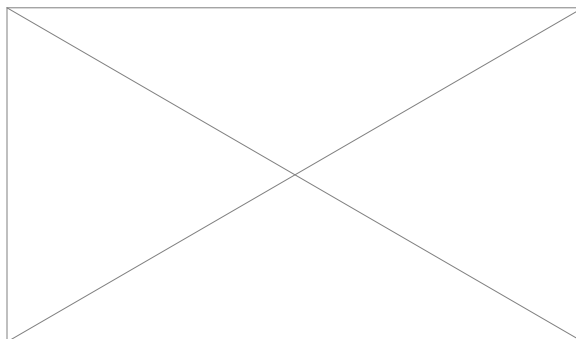
Field/Pool: **Loco Hills**

Formation Name:

Test/Prod. Interval [ft KB Log]: **8794.00 - 8928.00**

Test Date:

Test/job Number: **1**



Service Company:

SUMMARY**Well Information:**

Client Name:	Longfellow Energy	Packer:	Yes
Client Address:		Tubing in Well:	Yes
		Flow Path:	Tubing
		Well Fluid Type at Test Date:	Water
Well Name:	Ozzy State 18 SWD	Well Type:	Vertical
Well Location:	#001		
Pool:	Loco Hills	KB Elevation [ft]:	
Reservoir:		CF Elevation [ft]:	packer set@8768'
Well ID:		Ground Elevation [ft]:	
License Number:		Inside Diameter of Production Tubing [in]:	2.4
Drilling Leg:		Inside Diameter of Production Casing [in]:	
Formation Name:		Outside Diameter of Production Tubing [in]:	2 7/8

Test Information:

Test Name:	Ozzy State 18 SWD #001	Gauge Run Depth [ft KB (TVD)]:	8825.00000
Test/job Number:	1	H2S:	No
Test Purpose:	Initial Test	Test/Prod. Interval Top [ft KB (TVD)]:	8794.00
Test/Prod. Interval Top [ft KB (Log)]:	8794.00	Test/Prod. Interval Base [ft KB (TVD)]:	8928.00
Test/Prod. Interval Base [ft KB (Log)]:	8928.00	Final Test Date/Time:	2025/03/19 12:30:00
Time/Date Well Shut-In:	2025/03/19 10:18:00	Initial Casing Pressure [psia]:	0.00
Initial Tubing Pressure [psia]:	0.00	Final Casing Pressure [psia]:	0.00
Final Tubing Pressure [psia]:	720.00	Surface Temperature [degF]:	54.00
Final Flowing WH Pressure [psia]:	packer 8768		

Gauge Information:

Gauge Serial Number:	41309	Date Of Last Calibration:	2021/12/09
Maximum Recorder Range [psia]:	10000	Accuracy [% Of Full-Scale]:	0.03
Resolution [% Of Full-Scale]:	0.0003	Date/Time Gauge Off Bottom:	2025/03/19 20:51:00
Date/Time Gauge On Bottom:	2025/03/19 20:51:00		

Client: Longfellow Energy

Test Date:

Tool Serial #: 41309

Well Name: Ozzy State 18 SWD

Location: #001

Field/Pool: Loco Hills

Ozzy State 18 SWD #001

EVENTS TABLE

Calendar (yyyy/mm/dd hh:mm:ss)	Elapsed time (hours)	Pressure (psia)	Temperature (degF)	Comment
	0.11389	14.101	62.293	D = 0 feet P= 14.1 psia T= 62.29 degF
	1.15556	5081.578	132.676	D = 8825 feet P= 5081.58 psia T= 132.68 degF
	2.13222	14.102	59.615	D = 0 feet P= 14.1 psia T= 59.62 degF

Client: Longfellow Energy

Test Date:

Tool Serial #: 41309

Well Name: Ozzy State 18 SWD

Location: #001

Field/Pool: Loco Hills

Ozzy State 18 SWD #001

GRADIENTS TABLE

Calendar time (yyyy/mm/dd hh:mm:ss)	Elapsed time (Hours)	Stop type	Meas. depth (ft)	TV depth (ft)	Pressure (psia)	Temperature (degF)	Pressure gradient (psia/ft)	Temperature gradient (degF/ft)
	0.11389	Static	0.00	0.00	14.101	62.293		
	1.15556	Static	8825.00	8825.00	5081.578	132.676	0.574	0.008
	2.13222	Static	0.00	0.00	14.102	59.615	0.574	0.008

Client: Longfellow Energy

Well Name: Ozzy State 18 SWD

Formation Name:

Test Date:

Location: #001

Gauge Run Depth [ft KB (TVD)]:

8825.00000

Tool Serial #: 41309

Field/Pool: Loco Hills

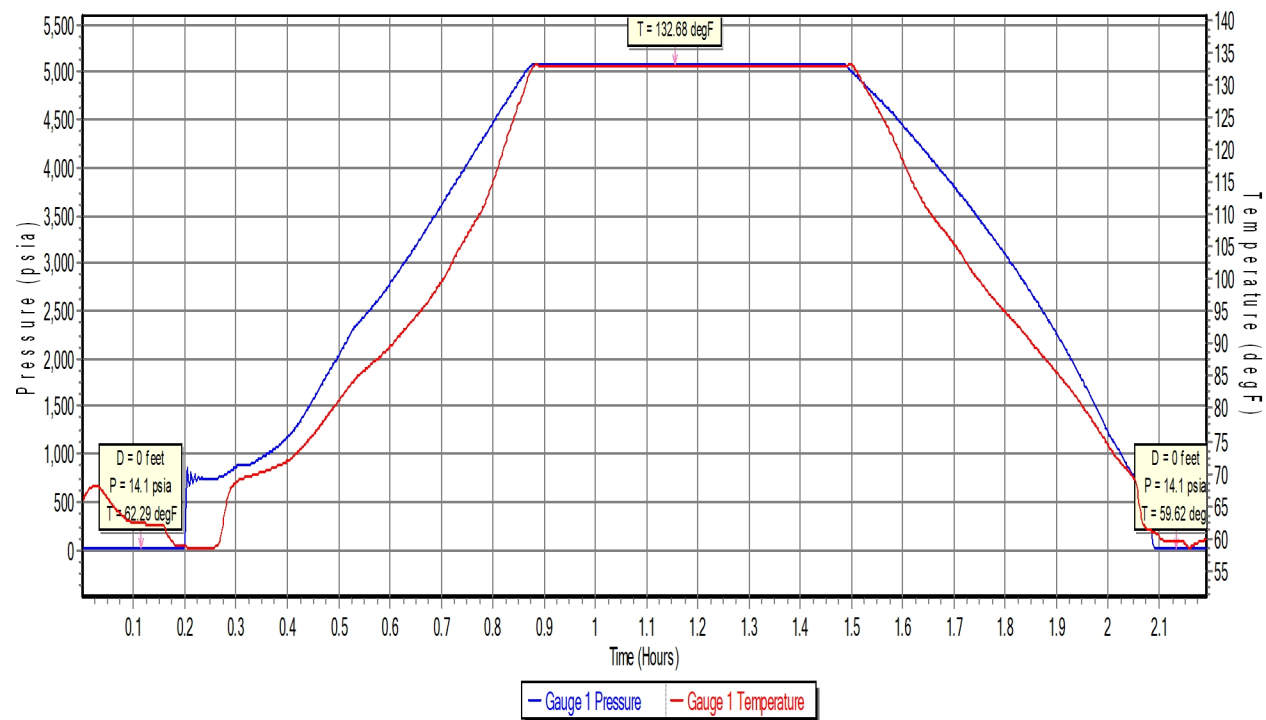
Test/Prod. Interval Top [ft KB (TVD)]:

8794.00

Ozzy State 18 SWD #001

Test/Prod. Interval Base [ft KB (TVD)]:

8928.00

DATA PLOT

Client: Longfellow Energy

Well Name: Ozzy State 18 SWD

Formation Name:

Test Date:

Location: #001

Gauge Run Depth [ft KB (TVD)]:

8825.00000

Tool Serial #: 41309

Field/Pool: Loco Hills

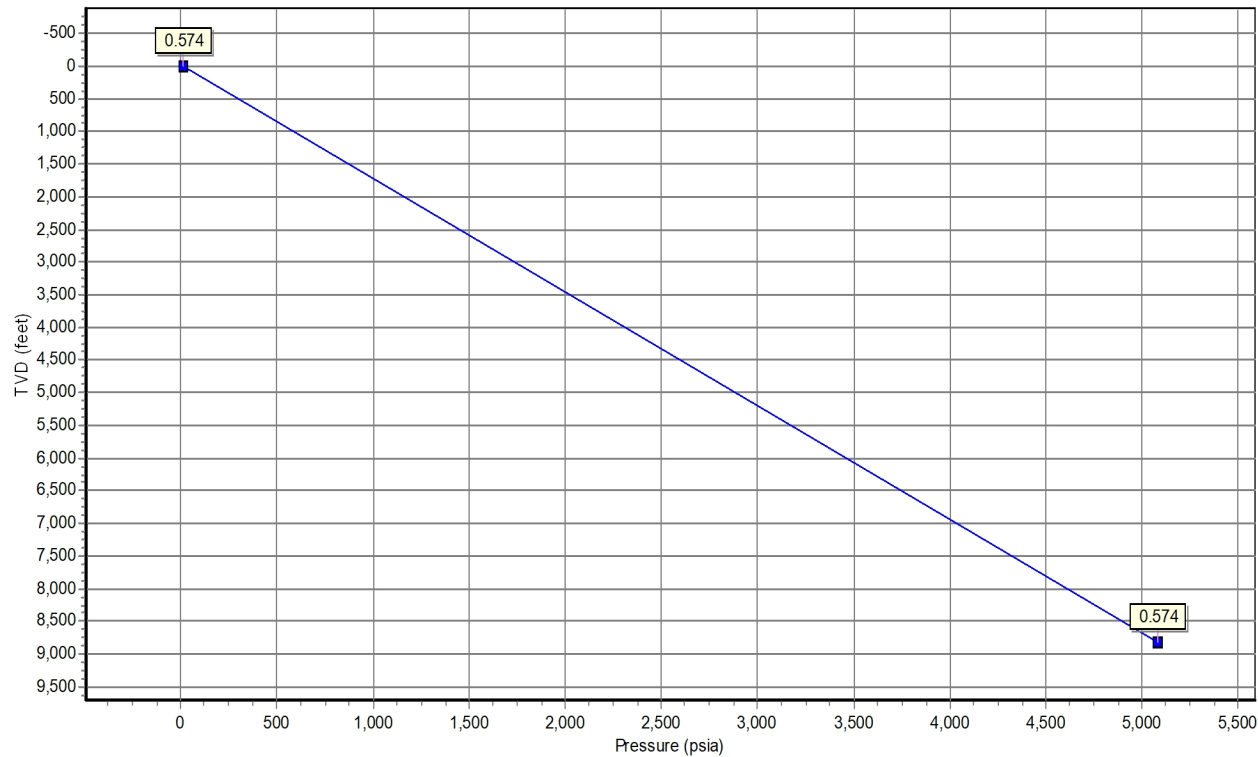
Test/Prod. Interval Top [ft KB (TVD)]:

8794.00

Ozzy State 18 SWD #001

Test/Prod. Interval Base [ft KB (TVD)]:

8928.00

PRESSURE GRADIENT PLOT

Client: Longfellow Energy

Well Name: Ozzy State 18 SWD

Test Date:

Location: #001

Tool Serial #: 41309

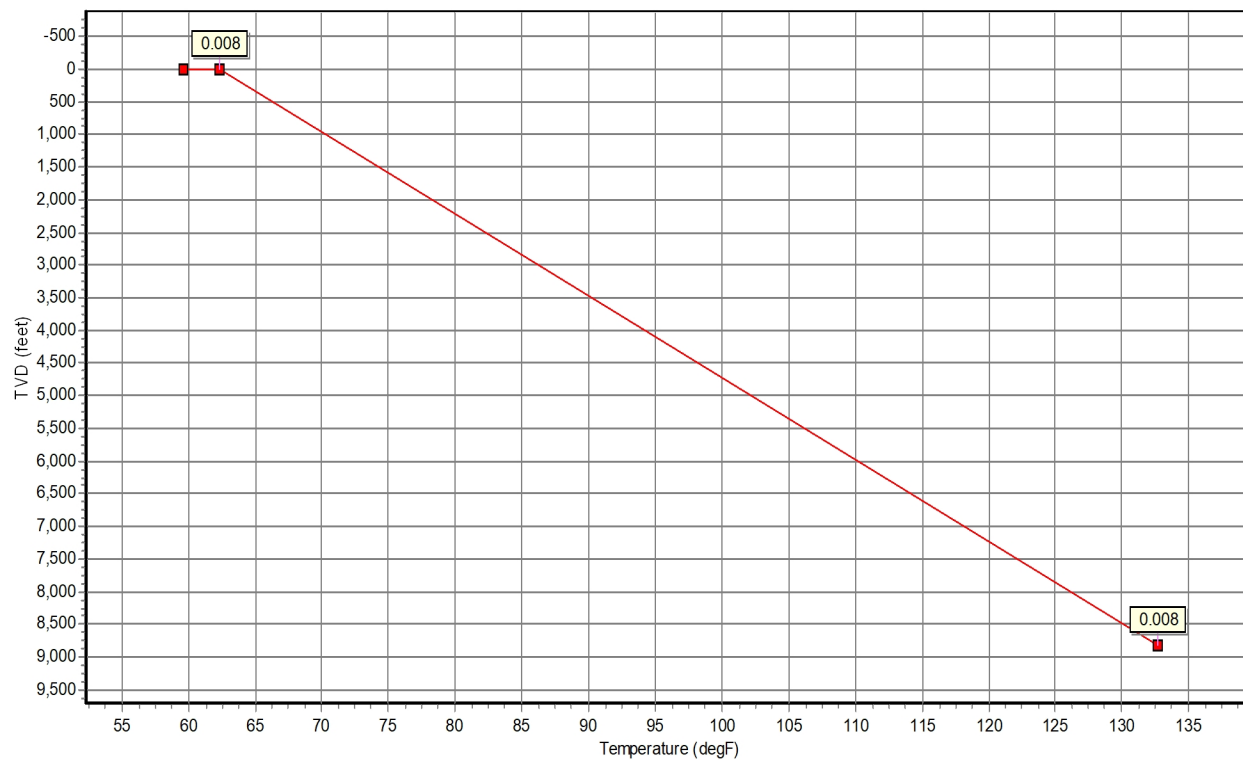
Field/Pool: Loco Hills

Formation Name:

Gauge Run Depth [ft KB (TVD)]: 8825.00000

Test/Prod. Interval Top [ft KB (TVD)]: 8794.00

Test/Prod. Interval Base [ft KB (TVD)]: 8928.00

Ozzy State 18 SWD #001**TEMPERATURE GRADIENT PLOT**

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 456389

CONDITIONS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 456389
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	8/28/2025