

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. 30-045-35439
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VO9208
7. Lease Name or Unit Agreement Name LYBROOK 2308 16I
8. Well Number 147H
9. OGRID Number 372286
10. Pool name or Wildcat NAGEEZI GL/ BASIN MC

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 ☒ Gas Well ☐ Other ☐

2. Name of Operator
 ENDURING RESOURCES IV LLC

3. Address of Operator
 200 Energy Court Farmington NM 87401

4. Well Location
 Unit Letter I : 1491' feet from the S line and 248' feet from the E line
 Section 16 Township 23N Range 8W NMPM County SAN JUAN

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 6858'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

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.

Enduring Resources completed a workover on the subject well to repair the rod pump completion. An updated schematic is attached.

Job Start: 12/21/2021
 Job End: 12/22/2021
 EOT: 5,577' MD
 SN: 5,506' MD
 TAC: 4,507' MD

Spud Date: 2/20/13

Rig Release Date:

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

SIGNATURE Heather Huntington TITLE Permit Specialist DATE 1/12/2022

Type or print name Heather Huntington E-mail address: hhuntington@enduringresources.com PHONE: 505-636-9751

For State Use Only

APPROVED BY: Amy Gumsch TITLE Program Coordinator I DATE 5/16/22
 Conditions of Approval (if any):



Enduring Resources IV - Production WBD

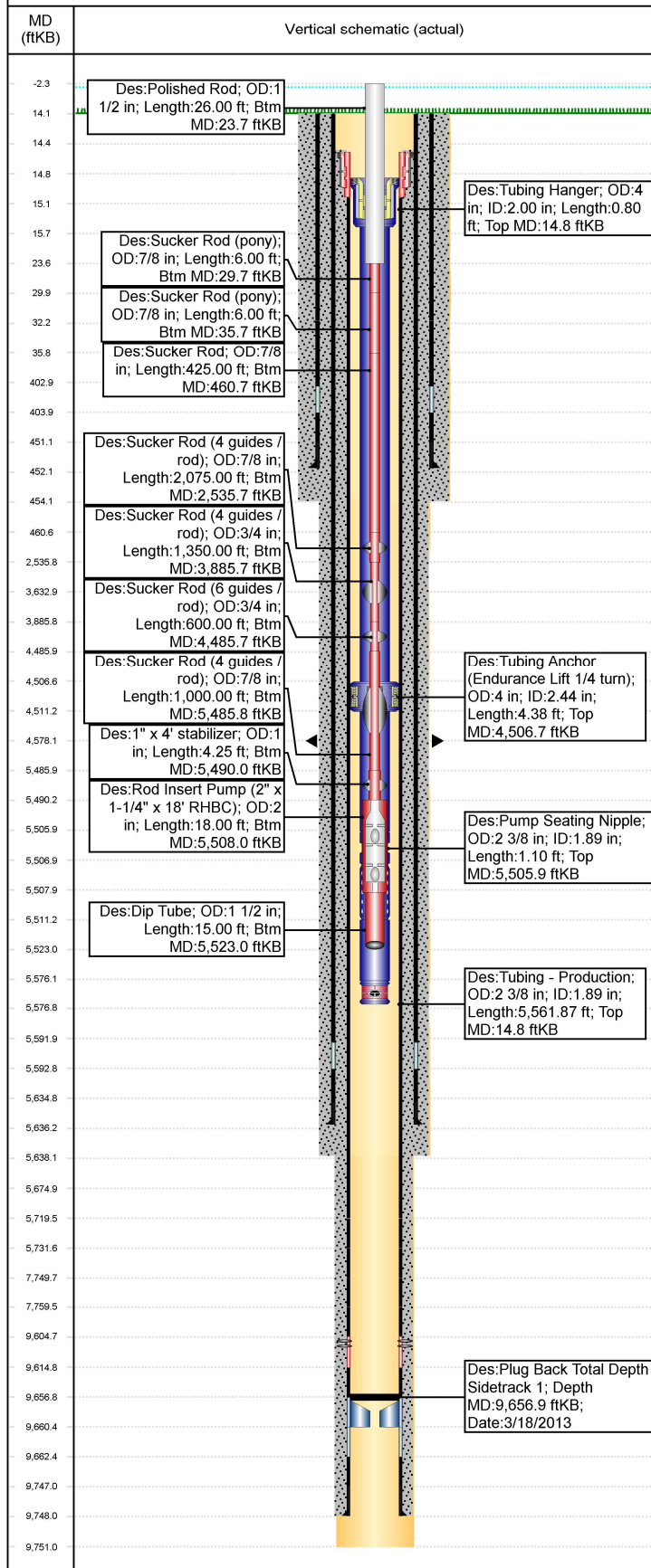
LYBROOK 2308-161 147H FKA

Well Name: CHACO 2308-161 147H

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-35439	Surface Legal Location (Unit I) NE/4, SE/3, Section 16, Twp 23N,...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,872.01	KB-Tubing Head Distance (ft)	Spud Date 2/20/2013 04:30	Rig Release Date 3/18/2013 00:00	PBTD (All) (ftKB) Sidetrack 1 - 9,656.9	Total Depth All (TVD) (ftKB)

Horizontal, Sidetrack 1, 1/6/2022 10:52:37 AM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Intermediate Hole	8 3/4	4,578.0	4,483.3	5,638.0	5,126.2
Production Hole	6 1/4	5,638.0	5,126.2	9,751.0	4,991.8

Rod Strings

Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Rod	12/22/2021	5,525.25		5,523.0	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	-2.3	23.7
Sucker Rod (pony)	1	7/8	6.00	23.7	29.7
Sucker Rod (pony)	1	7/8	6.00	29.7	35.7
Sucker Rod	17	7/8	425.00	35.7	460.8
Sucker Rod (4 guides / rod)	83	7/8	2,075.00	460.8	2,535.8
Sucker Rod (4 guides / rod)	54	3/4	1,350.00	2,535.8	3,885.8
Sucker Rod (6 guides / rod)	24	3/4	600.00	3,885.8	4,485.8
Sucker Rod (4 guides / rod)	40	7/8	1,000.00	4,485.8	5,485.8
1" x 4' stabilizer	1	1	4.25	5,485.8	5,490.0
Rod Insert Pump (2" x 1-1/4" x 18' RHBC)	1	2	18.00	5,490.0	5,508.0
Dip Tube	1	1 1/2	15.00	5,508.0	5,523.0

Tubing - Production set at 5,576.7ftKB on 12/22/2021 10:15

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		12/22/2021			5,561.87		5,576.7	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			4	2.00	0.80	14.8	15.6
Tubing	116	J-55	4.70	2 3/8	2.00	3,617.16	15.6	3,632.8
Tubing	28	J-55	4.70	2 3/8	2.00	873.90	3,632.8	4,506.7
Tubing Anchor (Endurance Lift 1/4 turn)	1			4	2.44	4.38	4,506.7	4,511.0
Tubing	32	J-55	4.70	2 3/8	2.00	994.88	4,511.0	5,505.9
Pump Seating Nipple	1			2 3/8	1.89	1.10	5,505.9	5,507.0
Perforated Pup Joint	1	J-55	4.70	2 3/8	2.00	4.25	5,507.0	5,511.3
Tubing	2	J-55	4.70	2 3/8	2.00	64.90	5,511.3	5,576.2
Purge Valve	1			2 3/8	2.00	0.50	5,576.2	5,576.7

Surface Casing, 452.0ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 452.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			1	18.00	14.0	32.0
Casing Joints			8	371.00	32.0	403.0
Float Collar				1.00	403.0	404.0
Casing Joints			1	47.00	404.0	451.0
Guide Shoe				1.00	451.0	452.0

Intermediate Casing, 5,636.0ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 5,636.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints				5,578.00	14.0	5,592.0
Float Collar				1.00	5,592.0	5,593.0
Casing Joints				42.00	5,593.0	5,635.0
Float Shoe				1.00	5,635.0	5,636.0

Production Casing, 9,748.0ftKB

OD (in) 4 1/2	Wt/Len (lb/ft) 11.60	String Grade N-80	Top Connection	Top (ftKB) 14.5	Set Depth (ftKB) 9,748.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				0.50	14.5	15.0
Casing Joints			137	5,704.50	15.0	5,719.5
Marker Joint			1	12.00	5,719.5	5,731.5
Casing Joints			48	2,018.00	5,731.5	7,749.5

WellView®**Enduring Resources IV - Production WBD**

LYBROOK CHACO 2308-16I 147H FKA
Well Name: CHACO 2308-16I 147H

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-35439	Surface Legal Location (Unit I) NE/4, SE/3, Section 16, Twp 23N,...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,872.01	KB-Tubing Head Distance (ft)	Spud Date 2/20/2013 04:30	Rig Release Date 3/18/2013 00:00	PBTD (All) (ftKB) Sidetrack 1 - 9,656.9	Total Depth All (TVD) (ftKB)

Horizontal, Sidetrack 1, 1/6/2022 10:52:40 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
MD (ftKB)	Vertical schematic (actual)	Marker Joint	1	10.00	7,749.5	7,759.5	
		Casing Joints	44	1,845.00	7,759.5	9,604.5	
		Alpha Sleeve	1	10.40	9,604.5	9,614.9	
		Casing Joints	1	42.00	9,614.9	9,656.9	
		Landing Collar		3.50	9,656.9	9,660.4	
		Float Collar		2.00	9,660.4	9,662.4	
		Casing Joints	2	84.59	9,662.4	9,747.0	
		Float Shoe		1.00	9,747.0	9,748.0	
		Cement					
		Description Surface Cement	Cementing Start Date 2/21/2013		Cementing End Date 2/21/2013		
		Comment 20 BBL FW SPACER, 240 SX, 281 CU FT, 50 BBLS, [15.8 PPG, 1.17 YLD] 28.5 BBL MIX WATER. DROP TOP PLUG & DISPLACE W/ 31 BBLS FW, BUMP PLUG TO 735# FLOAT HELD OK. P.D. @ 01:56 HRS 02/21/2013. CIRC 14 BBLS CMT BACK TO CATCH TANK.					
		Description Intermediate Cement	Cementing Start Date 3/9/2013		Cementing End Date 3/9/2013		
		Comment Pump Lead, pump Tail, drop plug & displace W/ FW. Shut backside in with 70 Bbl to displace, displacing @ 1 bpm, Pump 100sx Class G Cap & 4.5 Bbl FW, Final Backside Press @ 136#, Shut Backside In.					
		Description Production Cement	Cementing Start Date 3/16/2013		Cementing End Date 3/16/2013		
		Comment Foamed lead cmt, 50/50 poz standard. 60.8 bbls, 234 sks. Tail cmt, 50/50 poz premium. 23.15 bbls / 100 sks. Cap Cmt, premium 12.4 Bbl, 60 sx SHUT WELL IN 4 HRS BEFORE ND BOPE.					
-2.3	Des: Polished Rod; OD: 1 1/2 in; Length: 26.00 ft; Btm MD: 23.7 ftKB						
14.1							
14.4							
14.8							
15.1		Des: Tubing Hanger; OD: 4 in; ID: 2.00 in; Length: 0.80 ft; Top MD: 14.8 ftKB					
15.7	Des: Sucker Rod (pony); OD: 7/8 in; Length: 6.00 ft; Btm MD: 29.7 ftKB						
23.6	Des: Sucker Rod (pony); OD: 7/8 in; Length: 6.00 ft; Btm MD: 35.7 ftKB						
29.9	Des: Sucker Rod; OD: 7/8 in; Length: 425.00 ft; Btm MD: 460.7 ftKB						
32.2							
35.8							
402.9							
403.9							
451.1	Des: Sucker Rod (4 guides / rod); OD: 7/8 in; Length: 2,075.00 ft; Btm MD: 2,535.7 ftKB						
452.1							
454.1	Des: Sucker Rod (4 guides / rod); OD: 3/4 in; Length: 1,350.00 ft; Btm MD: 3,885.7 ftKB						
460.6							
2,535.8	Des: Sucker Rod (6 guides / rod); OD: 3/4 in; Length: 600.00 ft; Btm MD: 4,485.7 ftKB						
3,632.9							
3,885.8							
4,485.9	Des: Sucker Rod (4 guides / rod); OD: 7/8 in; Length: 1,000.00 ft; Btm MD: 5,485.8 ftKB						
4,506.6		Des: Tubing Anchor (Endurance Lift 1/4 turn); OD: 4 in; ID: 2.44 in; Length: 4.38 ft; Top MD: 4,506.7 ftKB					
4,511.2							
4,578.1	Des: 1" x 4' stabilizer; OD: 1 in; Length: 4.25 ft; Btm MD: 5,490.0 ftKB						
5,485.9							
5,490.2	Des: Rod Insert Pump (2" x 1-1/4" x 18' RHBC); OD: 2 in; Length: 18.00 ft; Btm MD: 5,508.0 ftKB						
5,505.9		Des: Pump Seating Nipple; OD: 2 3/8 in; ID: 1.89 in; Length: 1.10 ft; Top MD: 5,505.9 ftKB					
5,506.9							
5,507.9							
5,511.2	Des: Dip Tube; OD: 1 1/2 in; Length: 15.00 ft; Btm MD: 5,523.0 ftKB						
5,523.0							
5,576.1							
5,576.8		Des: Tubing - Production; OD: 2 3/8 in; ID: 1.89 in; Length: 5,561.87 ft; Top MD: 14.8 ftKB					
5,591.9							
5,592.8							
5,634.8							
5,636.2							
5,638.1							
5,674.9							
5,719.5							
5,731.6							
7,749.7							
7,759.5							
9,604.7							
9,614.8							
9,656.8							
9,660.4							
9,662.4							
9,747.0							
9,748.0							
9,751.0							
	Des: Plug Back Total Depth Sidetrack 1; Depth MD: 9,656.9 ftKB; Date: 3/18/2013						

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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

COMMENTS

Action 71907

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 71907
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
ahvermersch	See next sundry for name change	5/16/2022

District I
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CONDITIONS

Action 71907

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Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 71907
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
ahvermersch	None	5/16/2022