

Submit a 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. 30-043-21149
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V092090
7. Lease Name or Unit Agreement Name Lybrook 2206-02H
8. Well Number #225H
9. OGRID Number 372286
10. Pool name or Wildcat Lybrook Gallup
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6949

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 Enduring Resources IV LLC	
4. Well Location Unit Letter <u>H</u> : 1666' _____ feet from the <u>N</u> line and 278' _____ feet from the <u>E</u> line Section <u>2</u> Township <u>22N</u> Range <u>6W</u> NMPM County <u>SANDOVAL</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6949	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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: 01/24/2022
Job End: 01/28/2022
EOT: 5,694' MD
SN: 5,659' MD
TAC: 5,308' MD

Spud Date:

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 Permitting Technician DATE 2/28/22

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

For State Use Only

APPROVED BY: [Signature] TITLE Program Coordinator I DATE 5/10/22
Conditions of Approval (if any):



Enduring Resources IV - Production WBD

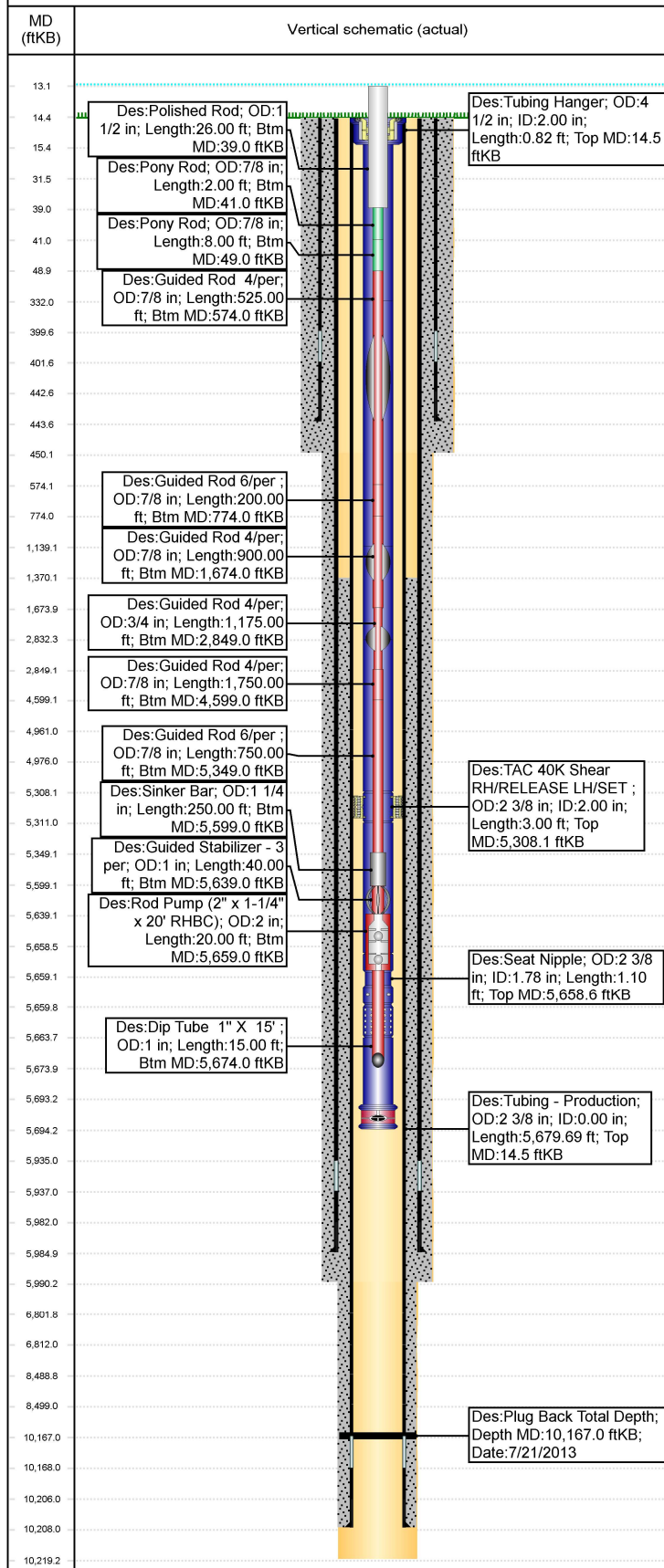
LYBROOK

Well Name: CHACO 2206-02H 225H

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

API/UWI 30-043-21149	Surface Legal Location Unit H, Sec 2, Twp 22N, Rng 6W NMPM	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,963.50	KB-Tubing Head Distance (ft)	Spud Date 7/6/2013 08:30	Rig Release Date 8/21/2013 16:00	PBTD (All) (ftKB) Original Hole - 10,167.0	Total Depth All (TVD) (ftKB) Original Hole - 5,344.3

Horizontal, Original Hole, 2/28/2022 12:36:26 PM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE	12 1/4	14.5	14.5	450.0	450.0
INTERMEDIATE	8 3/4	450.0	450.0	5,990.0	5,409.8
PRODUCTION	6 1/8	5,990.0	5,409.8	10,219.0	5,344.3

Rod Strings

Rod Description Rod	Run Date 1/27/2022	String Length (ft) 5,661.00		Set Depth (ft)(KB) 5,674.0	
Item Des	Jts	OD (in)	Len (ft)	Top (ft)(KB)	Btm (ft)(KB)
Polished Rod	1	1 1/2	26.00	13.0	39.0
Pony Rod	1	7/8	2.00	39.0	41.0
Pony Rod	1	7/8	8.00	41.0	49.0
Guided Rod 4/per	21	7/8	525.00	49.0	574.0
Guided Rod 6/per	8	7/8	200.00	574.0	774.0
Guided Rod 4/per	36	7/8	900.00	774.0	1,674.0
Guided Rod 4/per	47	3/4	1,175.00	1,674.0	2,849.0
Guided Rod 4/per	70	7/8	1,750.00	2,849.0	4,599.0
Guided Rod 6/per	30	7/8	750.00	4,599.0	5,349.0
Sinker Bar	10	1 1/4	250.00	5,349.0	5,599.0
Guided Stabilizer - 3 per	10	1	40.00	5,599.0	5,639.0
Rod Pump (2" x 1-1/4" x 20' RHBC)	1	2	20.00	5,639.0	5,659.0
Dip Tube 1" X 15'	1	1	15.00	5,659.0	5,674.0

Tubing - Production set at 5,694.2ftKB on 1/27/2022 08:30

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		1/27/2022			5,679.69		5,694.2	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			4 1/2	2.00	0.82	14.5	15.3
Tubing (YB - fr/inventory)	10	J-55	4.70	2 3/8	2.00	316.77	15.3	332.1
Tubing (YB & BB - rerun)	26	J-55	4.70	2 3/8	2.00	807.10	332.1	1,139.2
Tubing (BB - rerun)	54	J-55	4.70	2 3/8	2.00	1,693.28	1,139.2	2,832.5
Tubing (YB - rerun)	78	J-55	4.70	2 3/8	2.00	2,475.66	2,832.5	5,308.1
TAC 40K Shear RH/RELEASE LH/SET	1			2 3/8	2.00	3.00	5,308.1	5,311.1
Tubing (YB - 6 jts inv, 5 jts re-run)	11	J-55	4.70	2 3/8	2.00	347.49	5,311.1	5,658.6
Seat Nipple	1			2 3/8	1.78	1.10	5,658.6	5,659.7
Perforated Joint	1	J-55	4.70	2 3/8	2.00	4.04	5,659.7	5,663.8
Tubing (BB - rerun)	1	J-55	4.70	2 3/8	2.00	29.63	5,663.8	5,693.4
Purge Valve	1			3 1/16	0.00	0.80	5,693.4	5,694.2

SURFACE CASING, 443.5ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
9 5/8	36.00	J-55		14.5	443.5	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,			1	17.00	14.5	31.5
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,			9	368.00	31.5	399.5
Float Collar - Casing, Casing, in, ppf, Howco, ,			1	2.00	399.5	401.5
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,			1	41.00	401.5	442.5
Casing Float Shoe - Casing, Casing, in, ppf, Howco, ,			1	1.00	442.5	443.5



Enduring Resources IV - Production WBD

Well Name: **CHACO 2206-02H 225H**

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

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Horizontal, Original Hole, 2/28/2022 12:36:30 PM		INTERMEDIATE CASING, 5,985.0ftKB						
MD (ftKB)	Vertical schematic (actual)	OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
		7	23.00	K-55		14.5	5,985.0	
		Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
13.1		Casing Joints			131	5,920.50	14.5	5,935.0
14.4		Float Collar				2.00	5,935.0	5,937.0
15.4		Casing Joints			1	45.00	5,937.0	5,982.0
31.5		Float Shoe				3.00	5,982.0	5,985.0
39.0		PRODUCTION CASING #1, 10,208.0ftKB						
41.0		4 1/2	11.60	N-80		14.5	10,208.0	
48.9		Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
332.0		Casing Joints			131	4,946.50	14.5	4,961.0
399.6		Casing Marker Joint			1	15.00	4,961.0	4,976.0
401.6		Casing Joints			49	1,826.00	4,976.0	6,802.0
442.6		Casing Marker Joint			1	10.00	6,802.0	6,812.0
443.6		Casing Joints			44	1,677.00	6,812.0	8,489.0
450.1		Casing Marker Joint			1	10.00	8,489.0	8,499.0
574.1		Casing Joints			44	1,668.00	8,499.0	10,167.0
774.0		Float Collar				1.00	10,167.0	10,168.0
1,139.1		Casing Joints			1	38.00	10,168.0	10,206.0
1,370.1		Float Shoe				2.00	10,206.0	10,208.0
1,673.9		Cement						
2,832.3		Description SURFACE CASING CEMENT		Cementing Start Date 7/7/2013		Cementing End Date 7/7/2013		
2,849.1		Comment PJSM ,Press test 1500#, 20 Bbl FW Spacer,Lead = 256 sx Class G+2% CaCl+1/4lbsk Poly-E-Flake+5gwps.(53.3 Bbl, 299cuft)(15.8ppg, 1.17 Yld)Drop plug & Disp						
4,599.1		Description INTERMEDIATE CASING CEMENT		Cementing Start Date 7/15/2013		Cementing End Date 7/15/2013		
4,961.0		Comment 10 bbl fw, 40 bbl chem spacer, 10 bbl fw ahead. Foamed.						
4,976.0		Description PRODUCTION CASING CEMENT		Cementing Start Date 7/22/2013		Cementing End Date 7/22/2013		
5,308.1		Comment						
5,311.0								
5,349.1								
5,599.1								
5,639.1								
5,658.5								
5,659.1								
5,659.8								
5,853.7								
5,673.9								
5,693.2								
5,694.2								
5,935.0								
5,937.0								
5,982.0								
5,984.9								
5,990.2								
6,801.8								
6,812.0								
8,488.8								
8,499.0								
10,167.0		Des:Plug Back Total Depth; Depth MD:10,167.0 ftKB; Date:7/21/2013						
10,168.0								
10,206.0								
10,208.0								
10,219.2								

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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.
Santa Fe, NM 87505

COMMENTS

Action 85143

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 85143
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
ahvermersch	See next sundry for name change	5/10/2022

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ahvermersch	None	5/10/2022