

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. 30-043-21169
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V092090
7. Lease Name or Unit Agreement Name CHACO 2206-02H
8. Well Number #226H
9. OGRID Number 372286
10. Pool name or Wildcat LYBROOK GALLUP

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 <u>H</u>: 1686' _____ feet from the <u>N</u> line and 328' _____ 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 CHACO 2206-02H 226H to repair the rod pump completion. An updated schematic is attached.

EOT: 5,663' MD

SN: 5,612' MD

TAC: 5,192' MD

Job Start: 5/23/2021

Job End: 5/25/2021

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  Permitting Technician _____ DATE 7/30/21

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____



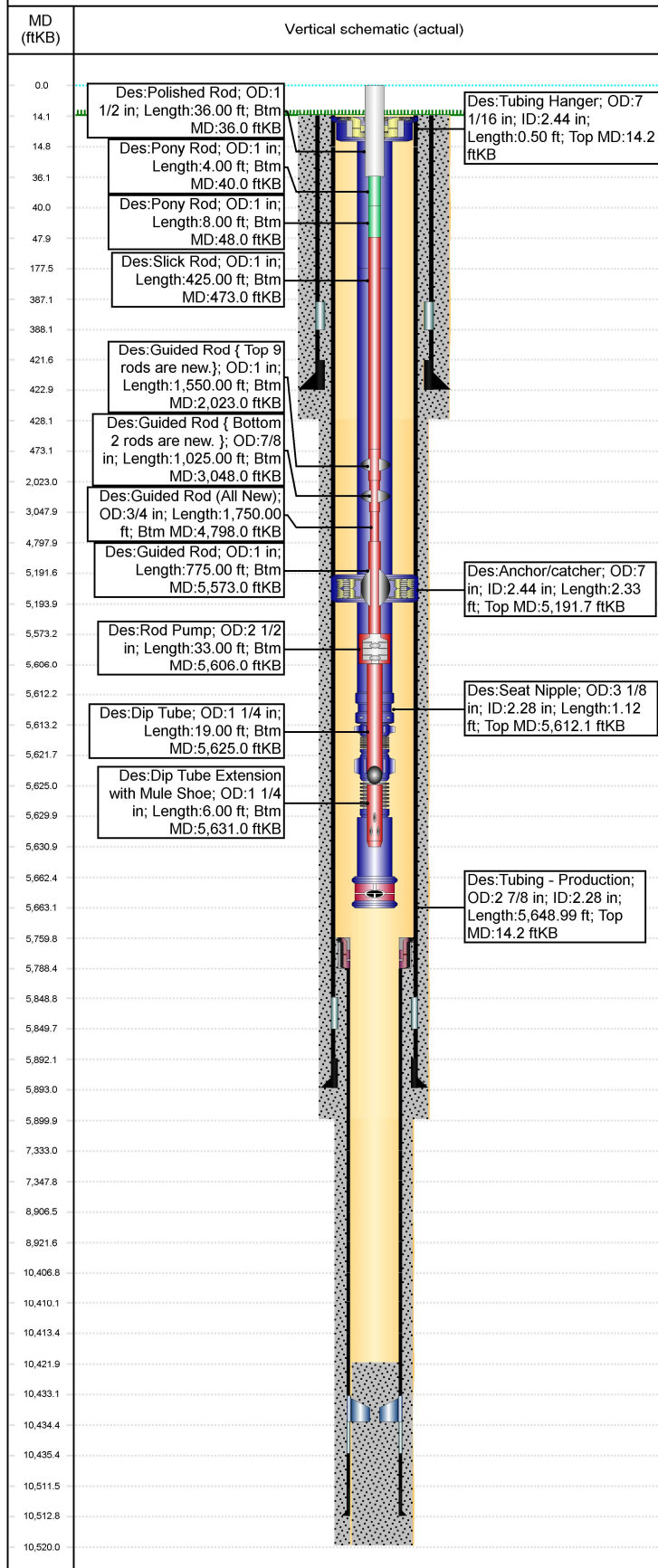
Enduring Resources IV - Production WBD

Well Name: CHACO 2206-02H 226H

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

API/UWI 30-043-21169	Surface Legal Location Sec 2 (H), Twp 22N, Rng 6W, NMPM	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,963.01	KB-Tubing Head Distance (ft)	Spud Date 3/3/2014 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, Original Hole, 7/28/2021 8:47:16 AM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE	12 1/4	14.0	14.0	428.0	428.0
INTERMEDIATE	8 3/4	428.0	428.0	5,900.0	5,402.0
PRODUCTION	6 1/8	5,900.0	5,402.0	10,520.0	

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)		
		0.00			
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)		
Rod String	5/25/2021	5,631.00	5,631.0		
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	36.00	0.0	36.0
Pony Rod	1	1	4.00	36.0	40.0
Pony Rod	1	1	8.00	40.0	48.0
Slick Rod	17	1	425.00	48.0	473.0
Guided Rod { Top 9 rods are new. }	62	1	1,550.00	473.0	2,023.0
Guided Rod { Bottom 2 rods are new. }	41	7/8	1,025.00	2,023.0	3,048.0
Guided Rod (All New)	70	3/4	1,750.00	3,048.0	4,798.0
Guided Rod	31	1	775.00	4,798.0	5,573.0
Rod Pump	1	2 1/2	33.00	5,573.0	5,606.0
Dip Tube	1	1 1/4	19.00	5,606.0	5,625.0
Dip Tube Extension with Mule Shoe	1	1 1/4	6.00	5,625.0	5,631.0

Tubing - Production set at 5,663.2ftKB on 9/11/2018 12:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		9/11/2018		5,648.99			5,663.2	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			7 1/16	2.44	0.50	14.2	14.7
Tubing YB	5	N-80	6.50	2 7/8	2.44	162.98	14.7	177.6
Tubing - YB	156	J-55	6.40	2 7/8	2.44	5,014.09	177.6	5,191.7
Anchor/catcher	1			7	2.44	2.33	5,191.7	5,194.1
Tubing - YB	13	J-55	6.40	2 7/8	2.44	418.07	5,194.1	5,612.1
Seat Nipple	1			3 1/8	2.28	1.12	5,612.1	5,613.3
Sand Screen	1			3 3/16	2.44	8.35	5,613.3	5,621.6
Sand Screen	1			3 3/16	2.44	8.35	5,621.6	5,630.0
Tubing - YB	1	J-55	6.40	2 7/8	2.44	32.46	5,630.0	5,662.4
Purge Valve	1			3.63	2.44	0.74	5,662.4	5,663.2

SURFACE CASING, 423.0ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 14.0	Set Depth (ftKB) 423.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing, 36.00 ppf, J-55, ,			12	373.28	14.0	387.2
Casing, Float Collar, J-55				0.90	387.2	388.1
Casing, 36.00 ppf, J-55, ,			1	33.43	388.1	421.6
Casing Shoe				1.42	421.6	423.0

LINER TIEBACK, 5,759.9ftKB

OD (in) 4 1/2	Wt/Len (lb/ft) 11.60	String Grade N-80	Top Connection LT&C	Top (ftKB) -12.0	Set Depth (ftKB) 5,759.9	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
COPY Casing - CASING JOINT(S)			118	4,722.60	-12.0	4,710.6
COPY Marker Joint - MARKER JOINT			1	20.46	4,710.6	4,731.1
COPY Casing - CASING JOINT(S)			26	1,027.29	4,731.1	5,758.4
COPY Casing - LINER TIEBACK SLEEVE			1	1.51	5,758.4	5,759.9

INTERMEDIATE CASING, 5,893.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	24.00	J-55	8RD	14.0	5,893.0

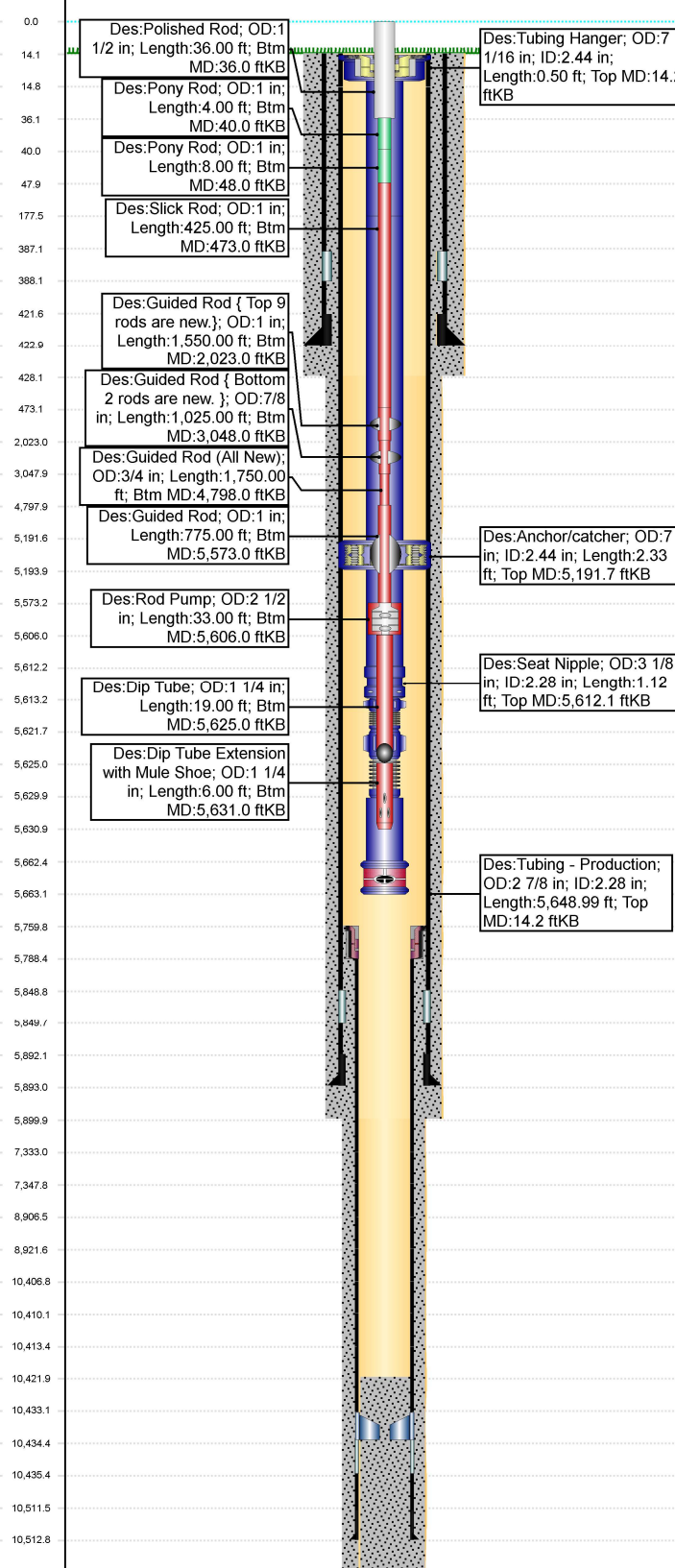


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Horizontal, Original Hole, 7/28/2021 8:47:19 AM							
MD (ftKB)	Vertical schematic (actual)	Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
0.0		Casing - LANDING COLLAR		0.90	14.0	14.9	
14.1		Casing - CASING	139	5,833.86	14.9	5,848.8	
14.8		Float Collar - CASING FLOAT COLLAR		1.00	5,848.8	5,849.8	
36.1		Casing - CASING	1	42.14	5,849.8	5,891.9	
40.0		Casing Shoe - CASING FLOAT SHOE		1.10	5,891.9	5,893.0	
47.9		PRODUCTION LINER #1, 10,512.9ftKB					
177.5		Des:Polished Rod; OD:1 1/2 in; Length:36.00 ft; Btm MD:36.0 ftKB	OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)
387.1		Des:Pony Rod; OD:1 in; Length:4.00 ft; Btm MD:40.0 ftKB	4 1/2	11.60	N-80	LT&C	Set Depth (ftKB)
388.1		Des:Pony Rod; OD:1 in; Length:8.00 ft; Btm MD:48.0 ftKB					
421.6		Des:Slick Rod; OD:1 in; Length:425.00 ft; Btm MD:473.0 ftKB	Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
422.9		Des:Guided Rod { Top 9 rods are new; }; OD:1 in; Length:1,550.00 ft; Btm MD:2,023.0 ftKB	Liner Hanger - LINER HANGER PACKER	1	28.51	5,759.9	5,788.4
428.1		Des:Guided Rod { Bottom 2 rods are new; }; OD:7/8 in; Length:1,025.00 ft; Btm MD:3,048.0 ftKB	Casing - CASING JOINT(S)	39	1,544.61	5,788.4	7,333.0
473.1		Des:Guided Rod (All New); OD:3/4 in; Length:1,750.00 ft; Btm MD:4,798.0 ftKB	Marker Joint - MARKER JOINT	1	14.69	7,333.0	7,347.7
2,023.0		Des:Guided Rod; OD:1 in; Length:775.00 ft; Btm MD:5,573.0 ftKB	Casing - CASING JOINT(S)	39	1,558.87	7,347.7	8,906.6
3,047.9		Des:Rod Pump; OD:2 1/2 in; Length:33.00 ft; Btm MD:5,606.0 ftKB	Marker Joint - MARKER JOINT	1	15.01	8,906.6	8,921.6
4,797.9		Des:Dip Tube; OD:1 1/4 in; Length:19.00 ft; Btm MD:5,625.0 ftKB	Casing - CASING JOINT(S)	39	1,485.14	8,921.6	10,406.7
5,191.6		Des:Dip Tube Extension with Mule Shoe; OD:1 1/4 in; Length:6.00 ft; Btm MD:5,631.0 ftKB	Rapid Frac Sleeve - PUP JOINT	1	3.36	10,406.7	10,410.1
5,193.9		Des:Seal Nipple; OD:3 1/8 in; ID:2.28 in; Length:1.12 ft; Top MD:5,612.1 ftKB	Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	3.36	10,410.1	10,413.5
5,573.2		Des:Tubing - Production; OD:2 7/8 in; ID:2.28 in; Length:5,648.99 ft; Top MD:14.2 ftKB	Pup Joint - RAPID FRAC SLEEVE	1	19.70	10,413.5	10,433.2
5,606.0			Landing Collar - LANDING COLLAR	1	1.10	10,433.2	10,434.3
5,612.2		Float Collar - CASING FLOAT COLLAR	1	1.10	10,434.3	10,435.4	
5,613.2		Casing - SHOE JOINT	2	76.28	10,435.4	10,511.6	
5,621.7		Casing Shoe - CASING FLOAT SHOE	1	1.29	10,511.6	10,512.9	
5,625.0		Cement					
5,629.9		Description	Cementing Start Date		Cementing End Date		
5,630.9		SURFACE CASING	3/5/2014		3/5/2014		
5,662.4		Comment					
5,663.1		Description	Cementing Start Date		Cementing End Date		
5,759.8		INTERMEDIATE CASING	4/15/2014		4/15/2014		
5,788.4		Comment					
5,848.8		Description	Cementing Start Date		Cementing End Date		
5,849.7		PRODUCTION LINER #1	4/20/2014		4/20/2014		
5,892.1		Comment					
5,893.0		CMTD W/ 790 SX & 100SX ON BACKSIDE. NO PROBLEMS, 20 BBLS TO SURFACE					
5,899.9		CMT 4.5 LINER W/ 40 BBLS CHEM SPACER,+ CAP 10.BBLS/40SKS OF 13# ELASTISEAL,+ LEAD OF 62BBL/240SKS OF 13# ELASTISEAL W/N2,+ TAIL OF 23BBL/100SKS OF 13.5# EXPANDACEM W/N2, DISPLACE W/ 2%KCL 130.5/BBLS. BUMP AND HOLD-FLOATS HELD-1.5 BBL BACK ON BLEED OFF - RELEASE OUT OF LINER AND WASH OFF- 35 BBLS CEMENT RETURNED TO SURFACE					
7,333.0							
7,347.8							
8,906.5							
8,921.6							
10,406.8							
10,410.1							
10,413.4							
10,421.9							
10,433.1							
10,434.4							
10,435.4							
10,511.5							
10,512.8							
10,520.0							

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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

CONDITIONS

Action 38892

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 38892
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Accepted for Record	2/17/2022