

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. 30-039-31294
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E012079
7. Lease Name or Unit Agreement Name NE CHACO COM
8. Well Number 243H
9. OGRID Number
10. Pool name or Wildcat CHACO UNIT NE HZ (OIL)

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	
3. Address of Operator 200 ENERGY COURT, FARMINGTON NM 87401	
4. Well Location Unit Letter ___ L ___ : ___ 1449' ___ feet from the ___ S ___ line and ___ 344' ___ feet from the ___ W ___ line Section 16 Township 23N Range 6W NMPM County RIO ARRIBA	
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:		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 NE CHACO COM 243H to repair the gas lift completion. An updated schematic is attached.

EOT: 6,285' MD

Packer: 6,115' MD

GLVs: 1 @ 6,074', 2 @ 5,264'

Job Start: 7/8/2021

Job End: 7/10/2021

Spud Date: 3/26/15

Rig Release Date:

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

SIGNATURE  TITLE PERMITTING TECH DATE 9/23/21

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):



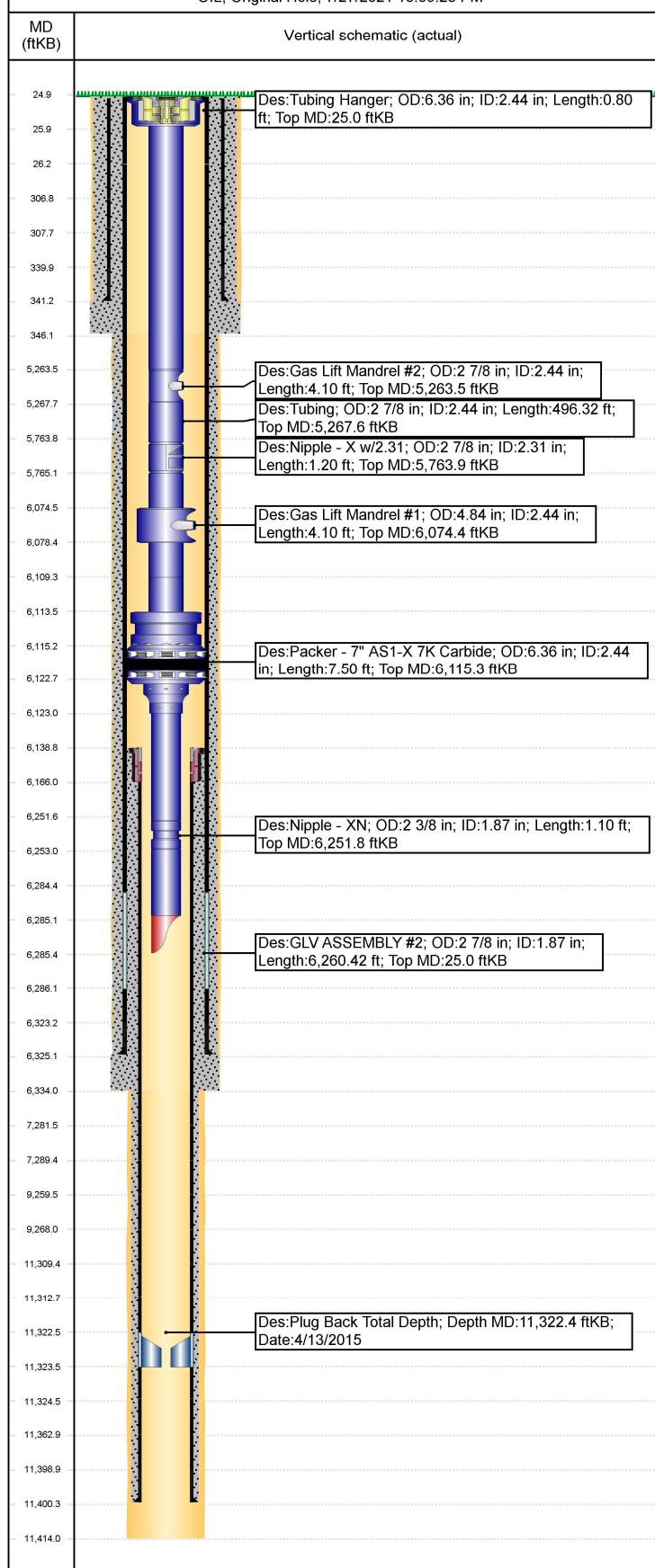
Enduring Resources IV - Production WBD

Well Name: NE CHACO COM 243H

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

API/UWI 30-039-31294	Surface Legal Location NE CHACO COM 243H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 6,884.01	KB-Tubing Head Distance (ft)	Spud Date 4/4/2015 01:30	Rig Release Date 4/13/2015 23:59	PBTD (All) (ftKB) Original Hole - 11,322.4	Total Depth All (TVD) (ftKB) Original Hole - 5,442.6

OIL, Original Hole, 7/27/2021 10:09:23 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	25.0	25.0	346.0	346.0
INTERMEDIATE	8 3/4	346.0	346.0	6,334.0	5,520.9
PRODUCTION	6 1/8	6,334.0	5,520.9	11,414.0	5,442.6

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	OD (in)	Len (ft)
			Top (ftKB)
			Btm (ftKB)

GLV ASSEMBLY #2 set at 6,285.4ftKB on 7/10/2021 14:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
GLV ASSEMBLY #2		7/10/2021		6,260.42			6,285.4	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger				6.36	2.44	0.80	25.0	25.8
Tubing	169	J-55	6.50	2 7/8	2.44	5,237.71	25.8	5,263.5
Gas Lift Mandrel #2				2 7/8	2.44	4.10	5,263.5	5,267.6
Tubing	16	J-55	6.50	2 7/8	2.44	496.32	5,267.6	5,763.9
Nipple - X w/2.31		J-55		2 7/8	2.31	1.20	5,763.9	5,765.1
Tubing	10	J-55	6.50	2 7/8	2.44	309.25	5,765.1	6,074.4
Gas Lift Mandrel #1				4.835	2.44	4.10	6,074.4	6,078.5
Tubing	1	J-55	6.50	2 7/8	2.44	30.76	6,078.5	6,109.2
Tubing - Pup Jnt	1	J-55	6.50	2 7/8	2.44	4.20	6,109.2	6,113.4
On-Off Tool w/ FN				5 3/4	2.25	1.82	6,113.4	6,115.3
Packer - 7" AS1-X 7K Carbide	1			6.36	2.44	7.50	6,115.3	6,122.8
Cross Over				3.668	2.00	0.40	6,122.8	6,123.2
Tubing	4	J-55	4.70	2 3/8	2.00	128.63	6,123.2	6,251.8
Nipple - XN	1			2 3/8	1.87	1.10	6,251.8	6,252.9
Tubing	1	J-55	4.70	2 3/8	2.00	32.13	6,252.9	6,285.0
Half Mule Shoe w/pinned Collar				2 3/8	2.00	0.40	6,285.0	6,285.4

SURFACE CASING, 341.2ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 32.30	String Grade J-55	Top Connection	Top (ftKB) 25.0	Set Depth (ftKB) 341.2
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - Casing, Casing, in, ppf, J-55, ,		10	281.67	25.0	306.7
Casing Float Shoe - Casing, Casing Float Shoe, in, ppf, N-80, ,		1	0.94	306.7	307.6
Casing - Casing, Casing, in, ppf, J-55, ,		1	32.15	307.6	339.8
Casing Guide Shoe - Casing, Casing, in, ppf, , ,		1	1.43	339.8	341.2

INTERMEDIATE CASING, 6,325.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
7	23.00	K-55	LT&C	25.0	6,325.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger - LANDING MANDREL			1	1.30	25.0	26.3
Casing - CASING			169	6,258.32	26.3	6,284.6
Float Collar - CASING FLOAT COLLAR			1	1.65	6,284.6	6,286.2
Casing - CASING			1	36.77	6,286.2	6,323.0

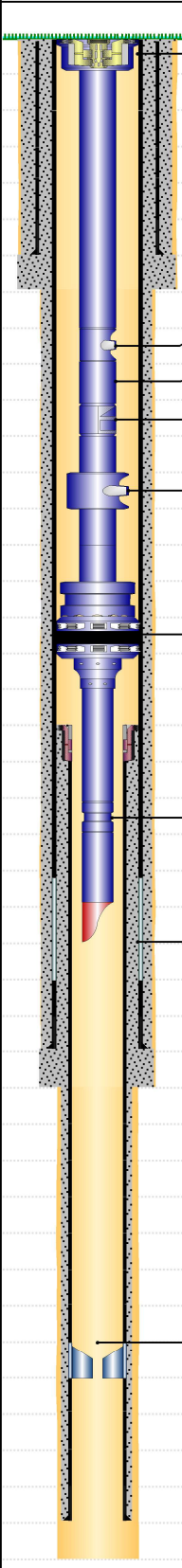


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OIL, Original Hole, 7/27/2021 10:09:25 PM										
MD (ftKB)	Vertical schematic (actual)									
24.9										
25.9										
26.2										
306.8										
307.7						Des:Tubing Hanger; OD:6.36 in; ID:2.44 in; Length:0.80 ft; Top MD:25.0 ftKB				
339.9						Des:Gas Lift Mandrel #2; OD:2 7/8 in; ID:2.44 in; Length:4.10 ft; Top MD:5,263.5 ftKB				
341.2										
346.1										
5,263.5										
5,267.7						Des:Tubing; OD:2 7/8 in; ID:2.44 in; Length:496.32 ft; Top MD:5,267.6 ftKB				
5,763.8						Des:Nipple - X w/2.31; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,763.9 ftKB				
5,765.1						Des:Gas Lift Mandrel #1; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:6,074.4 ftKB				
6,074.5										
6,078.4										
6,109.3										
6,113.5						Des:Packer - 7" AS1-X 7K Carbide; OD:6.36 in; ID:2.44 in; Length:7.50 ft; Top MD:6,115.3 ftKB				
6,115.2										
6,122.7										
6,123.0										
6,138.8						Des:Nipple - XN; OD:2 3/8 in; ID:1.87 in; Length:1.10 ft; Top MD:6,251.8 ftKB				
6,166.0										
6,251.6										
6,253.0										
6,284.4						Des:GLV ASSEMBLY #2; OD:2 7/8 in; ID:1.87 in; Length:6,260.42 ft; Top MD:25.0 ftKB				
6,285.1										
6,285.4										
6,286.1										
6,323.2						Des:Plug Back Total Depth; Depth MD:11,322.4 ftKB; Date:4/13/2015				
6,325.1										
6,334.0										
7,281.5										
7,289.4										
9,259.5										
9,268.0										
11,309.4										
11,312.7										
11,322.5										
11,323.5										
11,324.5										
11,362.9										
11,398.9										
11,400.3										
11,414.0										

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Shoe - CASING FLOAT SHOE	1	2.00	6,323.0	6,325.0	
PRODUCTION LINER #1, 11,400.2ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	LT&C	6,138.8	11,400.2
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Liner Hanger	1	27.08	6,138.8	6,165.9	
Casing Joints	26	1,115.59	6,165.9	7,281.4	
Marker Joint - MARKER JOINT	1	8.02	7,281.4	7,289.5	
Casing Joints	49	1,970.14	7,289.5	9,259.6	
Marker Joint - MARKER JOINT	1	8.50	9,259.6	9,268.1	
Casing Joints	50	2,041.13	9,268.1	11,309.2	
Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	3.34	11,309.2	11,312.6	
Marker Joint - PUP JOINT	1	9.81	11,312.6	11,322.4	
Landing Collar - LANDING COLLAR	1	1.10	11,322.4	11,323.5	
Casing Float Collar - CASING FLOAT COLLAR	1	0.90	11,323.5	11,324.4	
Casing Joints	1	38.33	11,324.4	11,362.7	
Casing Joints	1	36.26	11,362.7	11,399.0	
Casing Float Shoe - CASING FLOAT SHOE	1	1.24	11,399.0	11,400.2	
Cement					
Description	Cementing Start Date		Cementing End Date		
Surface Casing Cement	3/26/2015		3/26/2015		
Comment					
Description	Cementing Start Date		Cementing End Date		
INTERMEDIATE CASING	4/9/2015		4/9/2015		
Comment					
Description	Cementing Start Date		Cementing End Date		
PRODUCTION LINER #1	4/13/2015		4/13/2015		
Comment					
HALLIBURTON CMT 4.5 LINER WITH SPACER/ FLUSH {10 BBLS/H2O +40 BBLS/TUNED SPACER MIXED @ 10.5 PPG YD 6.14 + 10 BBLS/H2O }, FOLLOWED BY LEAD EXTENDACEM 525 SX (127.2 BBLS) @ 13.3PPG YD 1.36, 6 GAL/SX WATER,DROP PLUG DISPLACE W/ 2%KCL 40 BBLS MCCR, 40 BBLS 2%KCL, 20 BBLS FW H2O 38.9 BBLS KCL FOR TOTAL OF 138.9/BBLS. LAND PLUG @ 1,820 PSI & BUMP TO 2146 @ 14:52 4/13/2015, PSI AND HOLD.FLOATS HELD-1.25 BBL BACK ON BLEED OFF.					

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 51599

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 51599
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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