

Well Name: NE CHACO COM	Well Location: T23N / R6W / SEC 6 / NWNW / 36.25758 / 107.51682	County or Parish/State: RIO ARRIBA / NM
Well Number: 176H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078362	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931251	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 02/03/2021	Time Sundry Submitted: 08:08
Date Operation Actually Began: 11/02/2020	
Actual Procedure: This sundry was originally submitted on 11/20/20 and was rejected due to WIS/AFMSS2 transition. Enduring Resources performed a workover to modify the gas-lift completion. An updated schematic is attached. EOT: 6,156’ MD Packer: 5,986’ MD GLVs: 1 @ 5,943’ MD Job Start: 11/02/2020 Job End: 11/03/2020	

SR Attachments

Actual Procedure

WIS_PRINT_SUBMITTED_538199_20210203080754.pdf

NE_Chaco_Com_176H_WBD_11032020_20210203080741.pdf

BLM Point of Contact

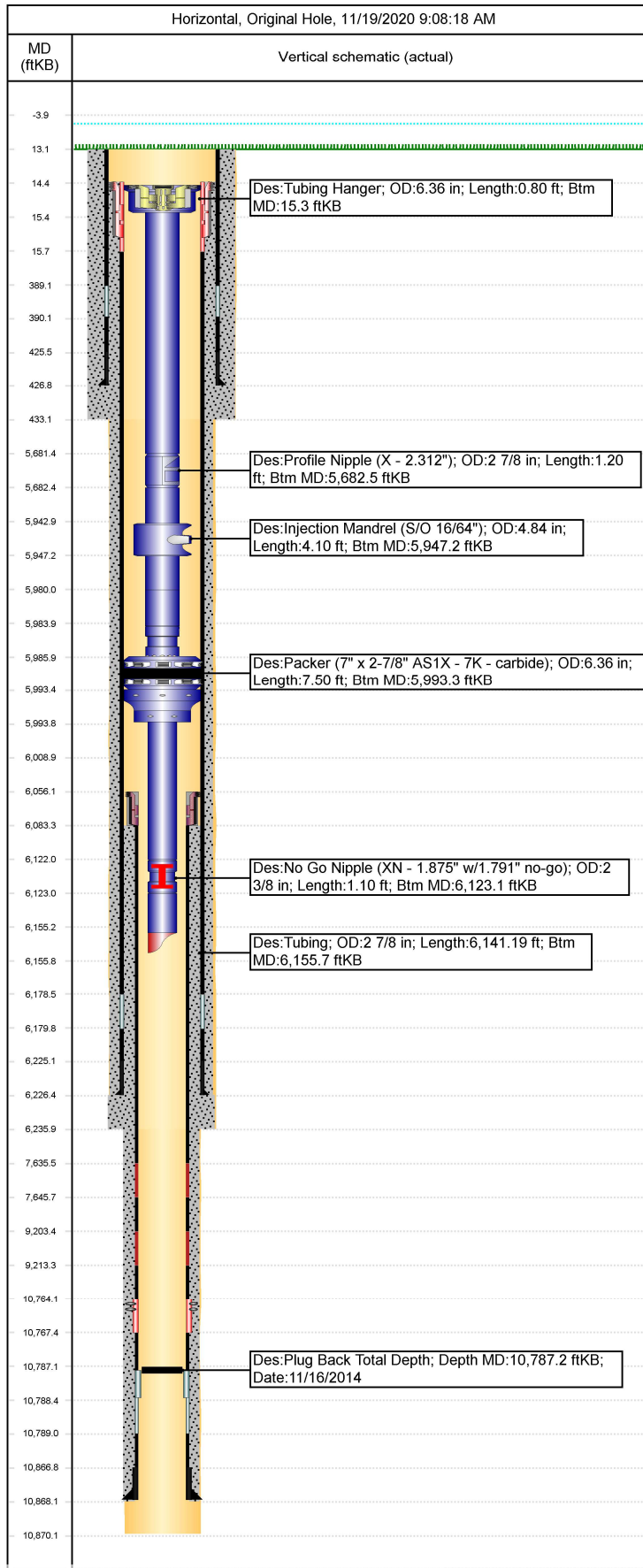
BLM POC Name: WILLIAM F TAMBEKOU	BLM POC Title: PETROLEUM ENGINEER
BLM POC Phone: 7192698500	BLM POC Email Address: wtambekou@blm.gov
Disposition: Accepted	Disposition Date: 04/01/2021
Signature: William Max Tambekou	



Enduring Resources IV - Production WBD

Well Name: NE CHACO COM 176H

API/UWI 30-039-31251	Surface Legal Location (Unit D) NW/4, NW/4, Section 06, Twp 23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,995.01	KB-Tubing Head Distance (ft)	Spud Date 11/5/2014 15:00	Rig Release Date 11/16/2014 07:00	PBTD (All) (ftKB) Original Hole - 10,787.2	Total Depth All (TVD) (ftKB) Original Hole - 5,585.1



Wellbore Sections					
Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 13.0	Act Top (T...) 13.0	Act Btm (ft...) 433.0	Act Btm (T...) 433.0
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 433.0	Act Top (T...) 433.0	Act Btm (ft...) 6,236.0	Act Btm (T...) 5,686.5
Section Description PRODUCTION	Size (in) 6 1/8	Act Top (ft...) 6,236.0	Act Top (T...) 5,686.5	Act Btm (ft...) 10,870.0	Act Btm (T...) 5,585.1

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

Tubing set at 6,155.7ftKB on 11/3/2020 10:00								
Tubing Description Tubing	Run Date 11/3/2020	String Length (ft) 6,141.19		Set Depth (ftKB) 6,155.7				
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			6.36	2.44	0.80	14.5	15.3
Tubing	174	J-55	6.50	2 7/8	2.44	5,666.02	15.3	5,681.3
Profile Nipple (X - 2.312")	1			2 7/8	2.31	1.20	5,681.3	5,682.5
Tubing	8	J-55	6.50	2 7/8	2.44	260.54	5,682.5	5,943.1
Injection Mandrel (S/O 16/64")	1			4.835	2.44	4.10	5,943.1	5,947.2
Tubing	1	J-55	6.50	2 7/8	2.44	32.67	5,947.2	5,979.8
Tubing (4' pup)	1	J-55	6.50	2 7/8	2.44	4.20	5,979.8	5,984.0
On-Off Tool w/profile stinger (F - 2.250")	1			2 7/8	2.25	1.82	5,984.0	5,985.9
Packer (7" x 2 -7/8" AS1X - 7K - carbide)	1			6.36	2.44	7.50	5,985.9	5,993.4
Cross Over	1			6.36	2.00	0.40	5,993.4	5,993.8
Tubing	4	J-55	4.70	2 3/8	2.00	128.29	5,993.8	6,122.0
No Go Nipple (XN - 1.875" w/1.791" no-go)	1			2 3/8	1.79	1.10	6,122.0	6,123.1
Tubing	1	J-55	4.70	2 3/8	2.00	32.15	6,123.1	6,155.3
Mule Shoe Guide (pinned)	1			2 3/8	0.75	0.40	6,155.3	6,155.7

SURFACE CASING, 426.9ftKB					
OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection 8RD	Top (ftKB) 13.0	Set Depth (ftKB) 426.9
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	12	376.12	13.0	389.1	
Float Collar	1	0.90	389.1	390.0	
Casing Joints	1	35.44	390.0	425.5	
Casing Shoe	1	1.42	425.5	426.9	

INTERMEDIATE CASING, 6,226.4ftKB					
OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection 8RD	Top (ftKB) 14.4	Set Depth (ftKB) 6,226.4
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
MANDRELL HANGER	1	1.50	14.4	15.9	
CASING JOINTS	137	6,162.52	15.9	6,178.4	
CASING FLOAT COLLAR	1	1.35	6,178.4	6,179.8	
SHOE JOINT	1	45.16	6,179.8	6,224.9	
GUIDE SHOE	1	1.50	6,224.9	6,226.4	

PRODUCTION LINER #1, 10,868.1ftKB					
OD (in) 4	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB) -4.0	Set Depth (ftKB) 10,868.1

Enduring Resources IV - Production WBD

API/UWI 30-039-31251	Surface Legal Location (Unit D) NW/4, NW/4, Section 06, Twp 23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,995.01	KB-Tubing Head Distance (ft)	Spud Date 11/5/2014 15:00	Rig Release Date 11/16/2014 07:00	PBTD (All) (ftKB) Original Hole - 10,787.2	Total Depth All (TVD) (ftKB) Original Hole - 5,585.1

Horizontal, Original Hole, 11/19/2020 9:08:21 AM

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing - Tieback String - 6012.88' - 193 Jts	193	6,012.88	-4.0	6,008.9
Tieback No-Go - 47.38'	1	47.38	6,008.9	6,056.3
Liner Hanger	1	27.16	6,056.3	6,083.4
Casing Joints	41	1,552.18	6,083.4	7,635.6
Marker Joint	1	10.00	7,635.6	7,645.6
Casing Joints	41	1,557.74	7,645.6	9,203.3
Marker Joint	1	10.00	9,203.3	9,213.3
Casing Joints	41	1,550.75	9,213.3	10,764.1
Rapid Frac Sleeve	1	3.35	10,764.1	10,767.5
Casing Pup Joint	1	19.74	10,767.5	10,787.2
Float Collar	1	1.09	10,787.2	10,788.3
Float Collar	1	0.90	10,788.3	10,789.2
Casing Joints	2	77.62	10,789.2	10,866.8
Casing Shoe	1	1.25	10,866.8	10,868.1

Cement		
Description	Cementing Start Date	Cementing End Date
SURFACE CASING CEMENT	10/6/2014	10/6/2014
Comment		
INTERMEDIATE CASING CEMENT	11/10/2014	11/11/2014
Comment CMT 7" CSG W/ CHEM FLUSH @ 8.1#{ 10 BBLS WATER +40 BBLS CHEM SPACER,+ 10 BBLS WATER } FOLLOWED BY SPACER @ 11.5#{ 20 BBLS/52 SACKS OF ELASTISEAL SCAVENGER } FOLLWED BY N2 FOAMED LEAD @ 13# { 202.5 BBLS/790 SACKS OF ELASTISEAL SYSTEM } FOLLOWED BY TAIL @ 13.5# { 23.2 BBLS/110 SACKS OF HALCEM SYSTEM DISPLACE W/ 9.3 #DRILL MUD 242.5 /BBLS. BUMP TO 1300 PSI AND HOLD.FLOATS HELD -1 BBL BACK ON BLEED OFF: PLUG DOWN 18:30 HRS 25BBLS CMT RETURNED BACK TO SURFACE. DOWN BACKSIDE BULLHEAD PUMPED A 100SKS/17.5 BBL 15.8# HALCEM SYSTEM CAP		
PRODUCTION LINER CEMENT	11/15/2014	11/15/2014
Comment DROP BALL & PRESS TO 3740#, EXPAND LINER HANGER, RELEASE F/ HANGER PUMPING 2 BPM, PU 30' & PUMP 170 Bbl 2% KCL @ 4 BPM TO CLEAN TOL, 25 Bbl FOAMED CMT TO BLOW TANK. SHUT IN & PRESS TEST TOL 1500# 30 MIN & CHART, GOOD.		

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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
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

CONDITIONS

Action 23423

CONDITIONS

Operator: ENDURING RESOURCES, LLC 1050 17TH STREET, SUITE 2500 DENVER, CO 80265	OGRID: 372286
	Action Number: 23423
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	6/2/2021