

Well Name: CHACO 2308-24I	Well Location: T23N / R8W / SEC 24 / NESE /	County or Parish/State: SAN JUAN / NM
Well Number: 156H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM110324	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535548	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 02/02/2021	Time Sundry Submitted: 02:45
Date Operation Actually Began: 12/03/2020	

Actual Procedure: This sundry was originally submitted 12/10/2020 and was rejected due to the WIS/AFMSS2 transition Enduring Resources performed a workover to repair the rod pump completion. An updated schematic is attached. EOT: 5,681’ MD SN: 5,524’ MD TAC: 5,390’ MD Job Start: 12/03/2020 Job End: 12/07/2020

SR Attachments

Actual Procedure

WIS_PRINT_SUBMITTED_540320_20210202144510.pdf

CHACO_2308_24I_156H_WBD_12072020_20210202144503.pdf

BLM Point of Contact

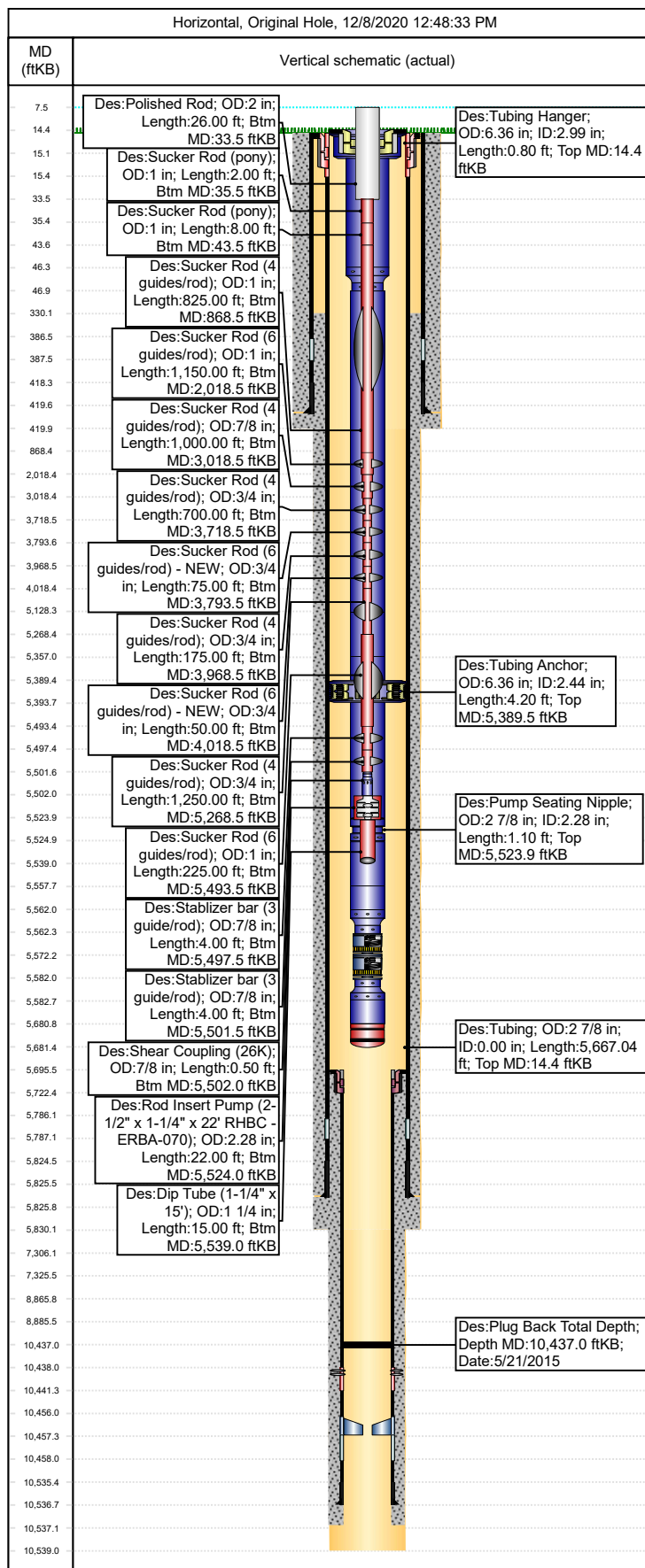
BLM POC Name: WILLIAM F TAMBEKOU	BLM POC Title: PETROLEUM ENGINEER
BLM POC Phone: 7192698500	BLM POC Email Address: wtambekou@blm.gov
Disposition: Accepted	Disposition Date: 04/01/2021
Signature: William Max Tambekou	



Enduring Resources IV - Production WBD

Well Name: CHACO 2308-24I 156H

API/UWI 30-045-35548	Surface Legal Location CHACO 2308-24I 156H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,898.50	KB-Tubing Head Distance (ft)	Spud Date 11/15/2014 16:00	Rig Release Date 3/30/2015 18:00	PBTD (All) (ftKB) Original Hole - 10,437.0	Total Depth All (TVD) (ftKB) Original Hole - 5,119.0



Wellbore Sections								
Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 14.5	Act Top (T...) 420.0	Act Btm (ft...) 420.0	Act Btm (T...) 420.0			
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 420.0	Act Top (T...) 420.0	Act Btm (ft...) 5,830.0	Act Btm (T...) 5,175.2			
Section Description PRODUCTION	Size (in) 6 1/8	Act Top (ft...) 5,830.0	Act Top (T...) 5,175.2	Act Btm (ft...) 10,539.0	Act Btm (T...) 5,119.0			
Rod Strings								
Rod Description Rod	Run Date 12/7/2020	String Length (ft) 5,531.50		Set Depth (ftKB) 5,539.0				
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)			
Polished Rod	1	2	26.00	7.5	33.5			
Sucker Rod (pony)	1	1	2.00	33.5	35.5			
Sucker Rod (pony)	1	1	8.00	35.5	43.5			
Sucker Rod (4 guides/rod)	33	1	825.00	43.5	868.5			
Sucker Rod (6 guides/rod)	46	1	1,150.00	868.5	2,018.5			
Sucker Rod (4 guides/rod)	40	7/8	1,000.00	2,018.5	3,018.5			
Sucker Rod (4 guides/rod)	28	3/4	700.00	3,018.5	3,718.5			
Sucker Rod (6 guides/rod) - NEW	3	3/4	75.00	3,718.5	3,793.5			
Sucker Rod (4 guides/rod)	7	3/4	175.00	3,793.5	3,968.5			
Sucker Rod (6 guides/rod) - NEW	2	3/4	50.00	3,968.5	4,018.5			
Sucker Rod (4 guides/rod)	50	3/4	1,250.00	4,018.5	5,268.5			
Sucker Rod (6 guides/rod)	9	1	225.00	5,268.5	5,493.5			
Stablizer bar (3 guide/rod)	1	7/8	4.00	5,493.5	5,497.5			
Stablizer bar (3 guide/rod)	1	7/8	4.00	5,497.5	5,501.5			
Shear Coupling (26K)	1	7/8	0.50	5,501.5	5,502.0			
Rod Insert Pump (2-1/2" x 1-1/4" x 22' RHBC - ERBA-070)	1	2.28	22.00	5,502.0	5,524.0			
Dip Tube (1-1/4" x 15')	1	1 1/4	15.00	5,524.0	5,539.0			
Tubing set at 5,681.4ftKB on 12/4/2020 17:00								
Tubing Description Tubing	Run Date 12/4/2020	String Length (ft) 5,667.04		Set Depth (ftKB) 5,681.4				
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			6.36	2.99	0.80	14.4	15.2
Tubing	1	N-80	9.30	3 1/2	2.99	31.10	15.2	46.3
Cross Over (3 -1/2" x 2-7/8")	1			3 1/2	2.44	0.80	46.3	47.1
Tubing	163	L-80	6.50	2 7/8	2.44	5,081.27	47.1	5,128.3
Tubing (NEW)	7	L-80	6.50	2 7/8	2.44	228.51	5,128.3	5,356.8
Tubing (Boronized)	1	L-80	6.50	2 7/8	2.44	32.65	5,356.8	5,389.5
Tubing Anchor	1			6.36	2.44	4.20	5,389.5	5,393.7
Tubing (Boronized)	4	L-80	6.50	2 7/8	2.44	130.25	5,393.7	5,523.9
Pump Seating Nipple	1			2 7/8	2.28	1.10	5,523.9	5,525.0
Tubing	1	L-80	6.50	2 7/8	2.44	32.68	5,525.0	5,557.7
Tubing (4' pup)	1	L-80	6.50	2 7/8	2.44	4.20	5,557.7	5,561.9
Cross Over	1			2 7/8	2.00	0.58	5,561.9	5,562.5
Gas separator	1			2 3/8	2.00	9.64	5,562.5	5,572.1
Sand separator	1			2 3/8	2.00	9.90	5,572.1	5,582.0
Cross Over	1			2 7/8	2.00	0.58	5,582.0	5,582.6
Tubing	3	L-80	6.50	2 7/8	2.44	98.08	5,582.6	5,680.7
Bull Plug	1			2 7/8	0.00	0.70	5,680.7	5,681.4
SURFACE CASING, 419.7ftKB								
OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C		Top (ftKB) 14.5	Set Depth (ftKB) 419.7		
Item Des	Jts	Len (ft)		Top (ftKB)	Btm (ftKB)			
Casing Joints	15	372.07		14.5	386.6			



Enduring Resources IV - Production WBD

Well Name: CHACO 2308-24I 156H

API/UWI 30-045-35548	Surface Legal Location CHACO 2308-24I 156H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,898.50	KB-Tubing Head Distance (ft)	Spud Date 11/15/2014 16:00	Rig Release Date 3/30/2015 18:00	PBTD (All) (ftKB) Original Hole - 10,437.0	Total Depth All (TVD) (ftKB) Original Hole - 5,119.0

Horizontal, Original Hole, 12/8/2020 12:48:35 PM		Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	Float Collar		1	0.90	386.6	387.5
		Casing Joints		1	30.83	387.5	418.3
		Casing Shoe		1	1.42	418.3	419.7
7.5	Des:Polished Rod; OD:2 in; Length:26.00 ft; Btm MD:33.5 ftKB	INTERMEDIATE CASING, 5,825.6ftKB					
14.4		OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
15.1	Des:Sucker Rod (pony); OD:1 in; Length:2.00 ft; Btm MD:35.5 ftKB	7	23.00	K-55	8RD	14.5	5,825.6
15.4		Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
33.5	Des:Sucker Rod (pony); OD:1 in; Length:8.00 ft; Btm MD:43.5 ftKB	Landing Collar - LANDING COLLAR		1	1.00	14.5	15.5
35.4		Casing Joints		154	5,770.75	15.5	5,786.3
43.6	Des:Sucker Rod (4 guides/rod); OD:1 in; Length:825.00 ft; Btm MD:868.5 ftKB	Casing Float Collar - CASING FLOAT COLLAR		1	0.95	5,786.3	5,787.2
46.3		Casing - SHOE JOINT		1	37.19	5,787.2	5,824.4
46.9		Casing Float Shoe - CASING FLOAT SHOE		1	1.25	5,824.4	5,825.6
330.1	Des:Sucker Rod (6 guides/rod); OD:1 in; Length:1,150.00 ft; Btm MD:2,018.5 ftKB	PRODUCTION LINER, 10,536.7ftKB					
386.5		OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
387.5	Des:Sucker Rod (4 guides/rod); OD:7/8 in; Length:1,000.00 ft; Btm MD:3,018.5 ftKB	4 1/2	11.60	P-110	8RD	5,695.4	10,536.7
418.3		Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
419.6	Des:Sucker Rod (4 guides/rod); OD:3/4 in; Length:700.00 ft; Btm MD:3,718.5 ftKB	Liner Hanger - LINER HANGER		1	27.18	5,695.4	5,722.6
419.9		Casing - CASING JOINT(S)		37	1,583.44	5,722.6	7,306.0
868.4	Des:Sucker Rod (4 guides/rod); OD:3/4 in; Length:75.00 ft; Btm MD:3,793.5 ftKB	Marker Joint - MARKER JOINT		1	19.61	7,306.0	7,325.6
2,018.4		Casing - CASING JOINT(S)		37	1,540.29	7,325.6	8,865.9
3,018.4	Des:Sucker Rod (6 guides/rod) - NEW; OD:3/4 in; Length:175.00 ft; Btm MD:3,968.5 ftKB	Marker Joint - MARKER JOINT		1	19.70	8,865.9	8,885.6
3,718.5		Casing - CASING JOINT(S)		37	1,552.32	8,885.6	10,437.9
3,793.6	Des:Sucker Rod (4 guides/rod); OD:3/4 in; Length:50.00 ft; Btm MD:4,018.5 ftKB	Rapid Frac Sleeve - RAPID FRAC SLEEVE		1	3.34	10,437.9	10,441.3
3,968.5		Pup Joint - PUP JOINT		1	14.91	10,441.3	10,456.2
4,018.4	Des:Sucker Rod (6 guides/rod) - NEW; OD:3/4 in; Length:225.00 ft; Btm MD:5,493.5 ftKB	Landing Collar - LANDING COLLAR		1	1.03	10,456.2	10,457.2
5,128.3		Casing Float Collar - CASING FLOAT COLLAR		1	0.87	10,457.2	10,458.1
5,268.4	Des:Sucker Rod (4 guides/rod); OD:3/4 in; Length:1,250.00 ft; Btm MD:5,268.5 ftKB	Casing - SHOE JOINT		2	77.40	10,458.1	10,535.5
5,357.0		Casing Float Shoe - CASING FLOAT SHOE		1	1.23	10,535.5	10,536.7
5,389.4	Des:Sucker Rod (6 guides/rod); OD:2 7/8 in; ID:2.44 in; Length:4.20 ft; Top MD:5,389.5 ftKB	Cement					
5,393.7		Description	Cementing Start Date		Cementing End Date		
5,493.4	Des:Pump Seating Nipple; OD:2 7/8 in; ID:2.28 in; Length:1.10 ft; Top MD:5,523.9 ftKB	SURFACE CASING		11/6/2014		11/6/2014	
5,497.4		Comment					
5,501.6	Des:Sucker Rod (3 guide/rod); OD:7/8 in; Length:4.00 ft; Btm MD:5,497.5 ftKB	Description		Cementing Start Date		Cementing End Date	
5,502.0		Intermediate Casing Cement		3/25/2015		3/25/2015	
5,523.9	Des:Stabilizer bar (3 guide/rod); OD:7/8 in; Length:4.00 ft; Btm MD:5,501.5 ftKB	Comment					
5,524.9		LOST CIRC 130 BBLS INTO DISPLACEMENT @ 4 BPM, SLOWED RATE TO 2 BPM, REGAINED CIRC 150 BBLS INTO DISPLACEMENT. RETURNS TO SURFACE 10 BBLS MUD FLUSH & 30 BBLS CHEM WASH. 10 BBL CHEM WASH STILL IN SURFACE CSG. ESTIMATE TOC @ 330'. PUMPED 42 BBLS CAP CMT DOWN ANNULAS @ 89 PSI.					
5,539.0	Des:Shear Coupling (26K); OD:7/8 in; Length:0.50 ft; Btm MD:5,502.0 ftKB	Description		Cementing Start Date		Cementing End Date	
5,557.7		Production Liner Cement		3/30/2015		3/30/2015	
5,562.0	Des:Rod Insert Pump (2-1/2" x 1-1/4" x 22' RHBC - ERBA-070); OD:2.28 in; Length:22.00 ft; Btm MD:5,524.0 ftKB	Comment					
5,562.3		GOOD CMT JOB NO PROBLEMS.					
5,572.2	Des:Dip Tube (1-1/4" x 15'); OD:1 1/4 in; Length:15.00 ft; Btm MD:5,539.0 ftKB						
5,582.0							
5,582.7							
5,680.8	Des:Plug Back Total Depth; Depth MD:10,437.0 ftKB; Date:5/21/2015						
5,681.4							
5,695.5							
5,722.4							
5,786.1							
5,787.1							
5,824.5							
5,825.5							
5,825.8							
5,830.1							
7,306.1							
7,325.5							
8,865.8							
8,885.5							
10,437.0							
10,438.0							
10,441.3							
10,456.0							
10,457.3							
10,458.0							
10,535.4							
10,536.7							
10,537.1							
10,539.0							

District I

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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 23415

CONDITIONS

Operator: ENDURING RESOURCES, LLC 1050 17TH STREET, SUITE 2500 DENVER, CO 80265	OGRID: 372286
	Action Number: 23415
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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