

Well Name: LOGOS	Well Location: T22N / R5W / SEC 6 / NESE / 36.16433 / -107.39602	County or Parish/State: SANDOVAL / NM
Well Number: 2	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC424	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004321120	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2634750

Type of Submission: Subsequent Report

Date Sundry Submitted: 09/17/2021

Date Operation Actually Began: 08/17/2021

Type of Action: Workover Operations

Time Sundry Submitted: 07:58

Actual Procedure: Enduring Resources recently completed a workover on the LOGOS 02 to repair the rod pump completion. An updated schematic is attached. Job Start: 08/17/2021 Job End: 08/19/2021 EOT: 6,024' MD SN: 5,953' MD

SR Attachments

Actual Procedure

LOGOS_02_WBD_08192021_20210917075743.pdf

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Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HEATHER HUNTINGTON	Signed on: SEP 17, 2021 07:57 AM
Name: ENDURING RESOURCES LLC	
Title: Permitting Technician	
Street Address: 200 Energy Court	
City: Farmington	State: NM
Phone: (505) 636-9751	
Email address: HHUNTINGTON@ENDURINGRESOURCES.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 09/21/2021
Signature: Kenneth Rennick	

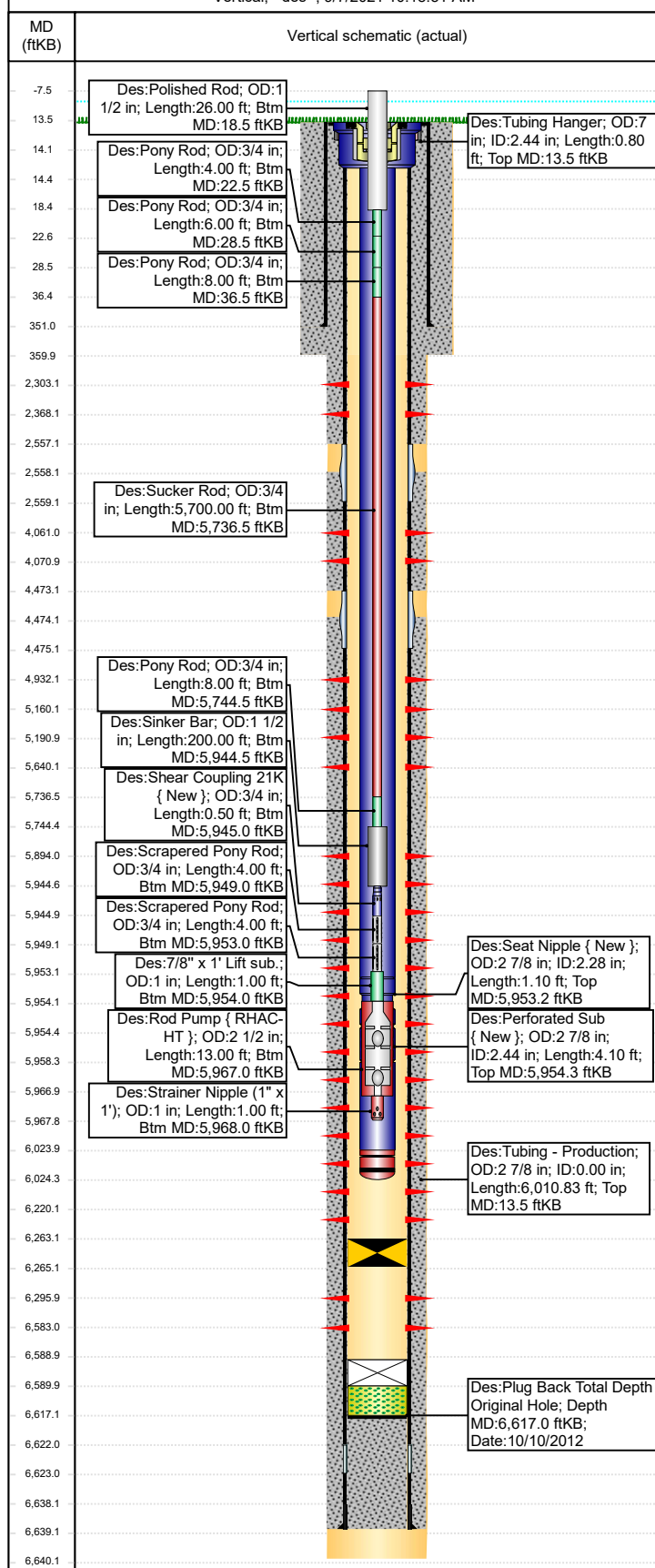


Enduring Resources IV - Production WBD with perfs

Well Name: LOGOS 02

API/UWI 30-043-21120	Surface Legal Location (Unit I) Section 06, Twp 22N, Rng 05W, 2...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB Elevation (ft) 6,914.50	KB-Tubing Head Distance (ft)	Spud Date 9/28/2012 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 6,617.0	Total Depth All (TVD) (ftKB)

Vertical, <des>, 9/7/2021 10:18:51 AM



Wellbore Sections

Section Description	Size (in)	Act Top (ft...)	Act Top (T...	Act Btm (ft...	Act Btm (T...
Rod Strings					
Rod Description Rod String	Run Date 8/19/2021	String Length (ft) 5,975.50	Set Depth (ftKB) 5,968.0		
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	-7.5	18.5
Pony Rod	1	3/4	4.00	18.5	22.5
Pony Rod	1	3/4	6.00	22.5	28.5
Pony Rod	1	3/4	8.00	28.5	36.5
Sucker Rod	228	3/4	5,700.00	36.5	5,736.5
Pony Rod	1	3/4	8.00	5,736.5	5,744.5
Sinker Bar	8	1 1/2	200.00	5,744.5	5,944.5
Shear Coupling 21K { New }	1	3/4	0.50	5,944.5	5,945.0
Scraped Pony Rod	1	3/4	4.00	5,945.0	5,949.0
Scraped Pony Rod	1	3/4	4.00	5,949.0	5,953.0
7/8\" x 1\" Lift sub.	1	1	1.00	5,953.0	5,954.0
Rod Pump { RHAC-HT }	1	2 1/2	13.00	5,954.0	5,967.0
Strainer Nipple (1\" x 1\")	1	1	1.00	5,967.0	5,968.0

Tubing - Production set at 6,024.3ftKB on 8/18/2021 15:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		8/18/2021		6,010.83			6,024.3	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	J-55	6.40	7	2.44	0.80	13.5	14.3
Tubing	186	J-55	6.40	2 7/8	2.44	5,938.92	14.3	5,953.2
Seat Nipple { New }	1	I-80	6.40	2 7/8	2.28	1.10	5,953.2	5,954.3
Perforated Sub { New }	1	J-55	6.40	2 7/8	2.44	4.10	5,954.3	5,958.4
Tubing	2	J-55	6.40	2 7/8	2.44	65.41	5,958.4	6,023.8
Bull Plug	1	J-55	6.40	2 7/8	0.00	0.50	6,023.8	6,024.3

Surface Casing, 351.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
8 5/8	24.00	J-55		13.5	351.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	8	337.50	13.5	351.0	

Production Casing, 6,639.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	17.00	P-110		13.5	6,639.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Hanger		0.50	13.5	14.0	
Casing Joints		2,543.00	14.0	2,557.0	
DV Stage Tool		2.00	2,557.0	2,559.0	
Casing Joints		1,914.00	2,559.0	4,473.0	
DV Stage Tool		2.00	4,473.0	4,475.0	
Casing Joints		2,147.00	4,475.0	6,622.0	
Float Collar		1.00	6,622.0	6,623.0	
Casing Joints		15.20	6,623.0	6,638.2	
Float Shoe		0.80	6,638.2	6,639.0	

Cement

Description Surface Casing Cement	Cementing Start Date 9/28/2012	Cementing End Date 9/28/2012
Comment Cemented with 242 sacks of Type III cmt; circulated 30 bbl of cement to surface.		
Description Production Casing Cement	Cementing Start Date 10/3/2012	Cementing End Date 10/3/2012
Comment Cemented in three stages with total of 450 sacks of Premium Lite Lead cement and 626 sacks of Type III Tail cement.		

Perforations

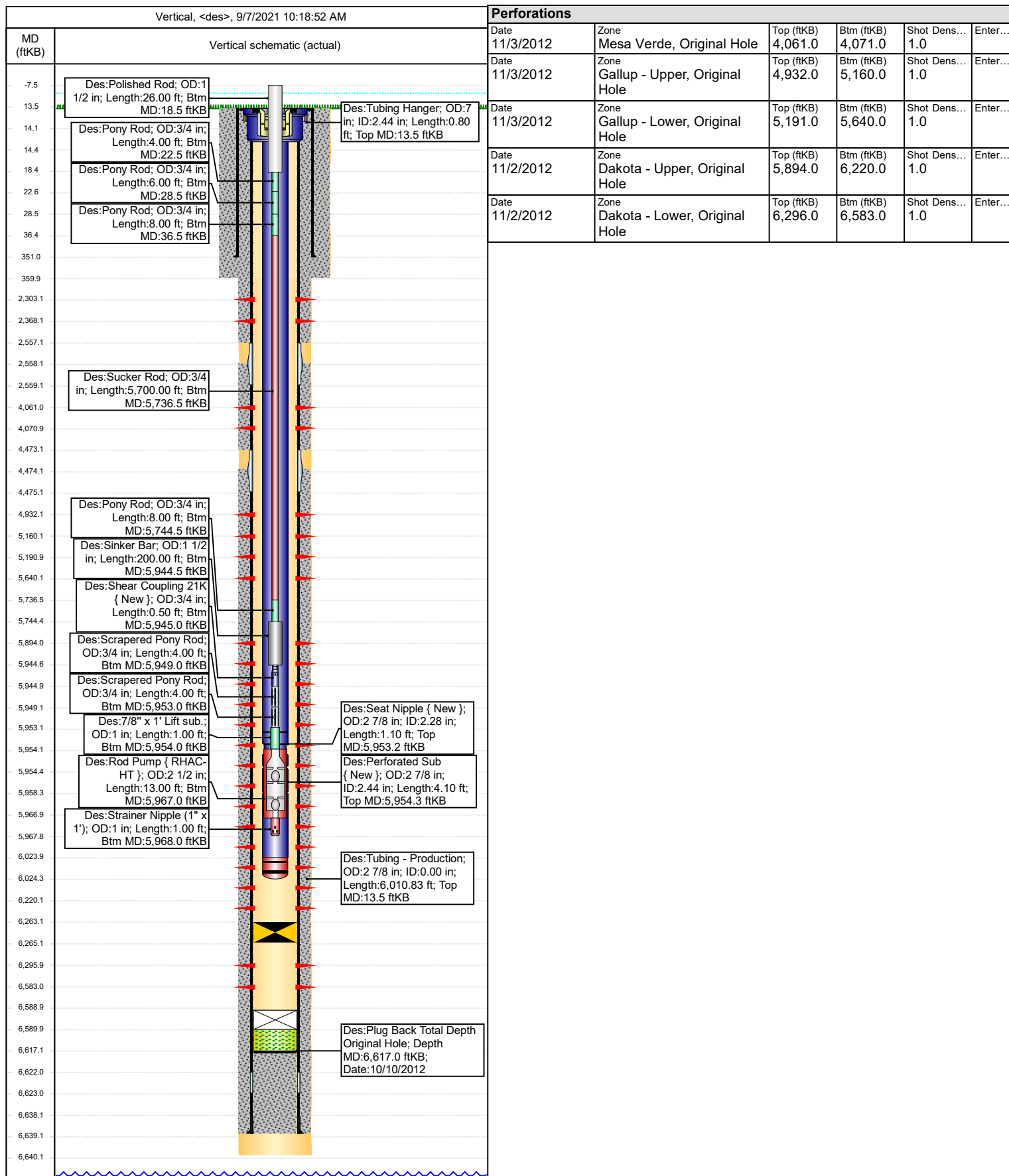
Date	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens...	Enter...
7/24/2013	Chacra, Original Hole	2,303.0	2,368.0	3.0	



Enduring Resources IV - Production WBD with perfs

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Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens...	Enter...
11/3/2012	Mesa Verde, Original Hole	4,061.0	4,071.0		
11/3/2012	Gallup - Upper, Original Hole	4,932.0	5,160.0	1.0	
11/3/2012	Gallup - Lower, Original Hole	5,191.0	5,640.0	1.0	
11/2/2012	Dakota - Upper, Original Hole	5,894.0	6,220.0	1.0	
11/2/2012	Dakota - Lower, Original Hole	6,296.0	6,583.0	1.0	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
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

COMMENTS

Action 53664

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 53664
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	11/7/2022

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	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/7/2022