

Well Name: SOUTH ESCAVADA UNIT	Well Location: T22N / R7W / SEC 27 / NESE / 36.108414 / -107.555545	County or Parish/State: SANDOVAL / NM
Well Number: 347H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NOG13121826	Unit or CA Name:	Unit or CA Number: NMNM130812A
US Well Number: 3004321349	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2668204

Type of Submission: Subsequent Report

Date Sundry Submitted: 04/22/2022

Date Operation Actually Began: 02/28/2022

Type of Action: Workover Operations

Time Sundry Submitted: 09:39

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 5175' MD Packer: 5101' MD GLVs: 5 (2104', 2729', 3288', 3878', 4434' MD) Orifice Valve: 5060' MD Job Start: 02.28.2022 Job End: 03.19.2022

SR Attachments

Actual Procedure

S._ESCAVADA_347H___Production_WBD_04202022_20220422093820.pdf

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Well Number: 347H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G13121826	Unit or CA Name:	Unit or CA Number: NMNM130812A
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Operator

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

Operator Electronic Signature: HEATHER HUNTINGTON	Signed on: APR 22, 2022 09:38 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 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: 04/22/2022
Signature: Kenneth Rennick	

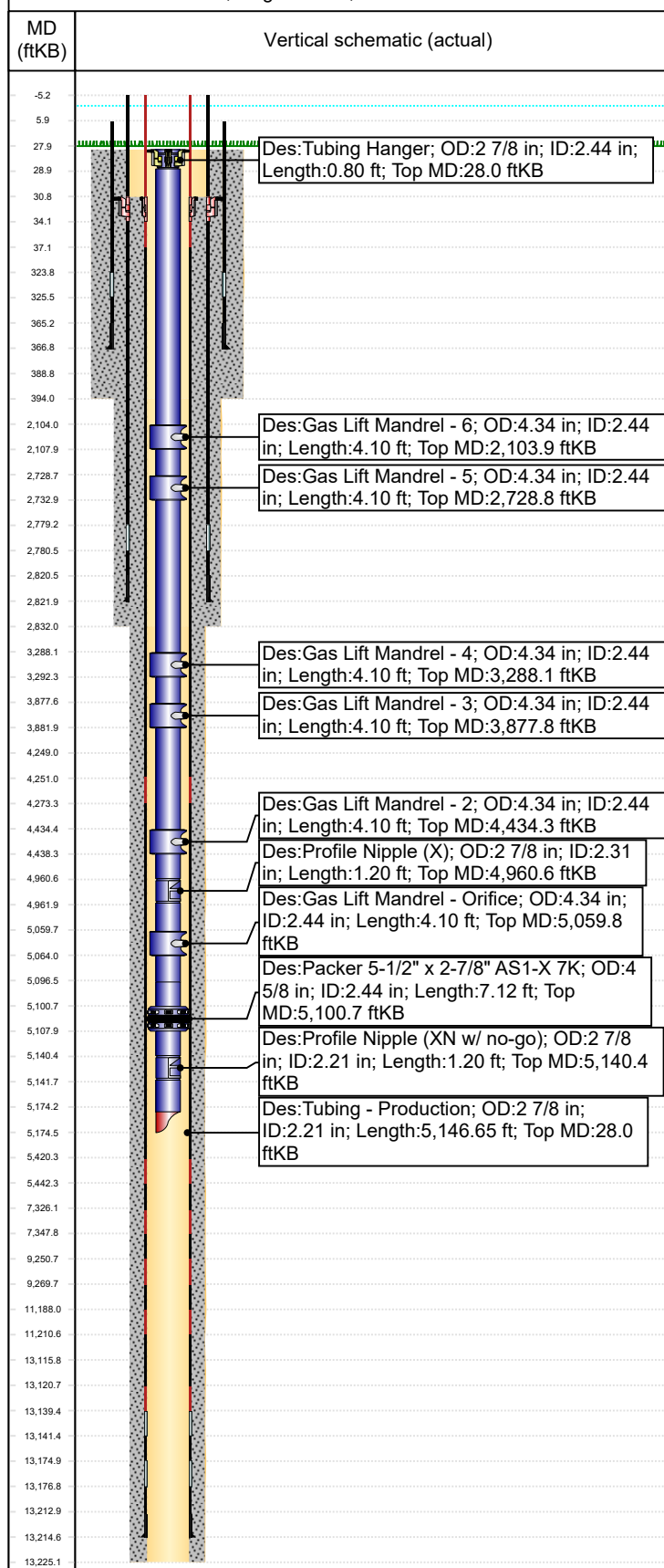


Enduring Resources IV - Production WBD

Well Name: S ESCAVADA UNIT 347H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21349	Surface Legal Location (Unit I) NE/4, SE/4, Section 27, T22N, R0...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,777.00	KB-Tubing Head Distance (ft)	Spud Date 10/26/2021 13:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,543.7

Horizontal, Original Hole, 4/20/2022 3:34:09 PM


Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	17 1/2	28.0		394.0	
Intermediate	12 1/4	394.0		2,832.0	2,624.7
Production	8 1/2	2,832.0	2,624.7	13,225.0	4,543.7

Rod Strings

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

Tubing - Production set at 5,174.7ftKB on 3/19/2022 00:00

Tubing Description		Run Date	String Length (ft)				Set Depth (ftKB)	
Tubing - Production		3/19/2022	5,146.65				5,174.7	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			2 7/8	2.44	0.80	28.0	28.8
Tubing	64	L-80	6.50	2 7/8	2.44	2,075.12	28.8	2,103.9
Gas Lift Mandrel - 6	1			4.335	2.44	4.10	2,103.9	2,108.0
Tubing	19	L-80	6.50	2 7/8	2.44	620.75	2,108.0	2,728.8
Gas Lift Mandrel - 5	1			4.335	2.44	4.10	2,728.8	2,732.9
Tubing	17	L-80	6.50	2 7/8	2.44	555.28	2,732.9	3,288.2
Gas Lift Mandrel - 4	1			4.335	2.44	4.10	3,288.2	3,292.3
Tubing	18	L-80	6.50	2 7/8	2.44	585.52	3,292.3	3,877.8
Gas Lift Mandrel - 3	1			4.335	2.44	4.10	3,877.8	3,881.9
Tubing	17	L-80	6.50	2 7/8	2.44	552.39	3,881.9	4,434.3
Gas Lift Mandrel - 2	1			4.335	2.44	4.10	4,434.3	4,438.4
Tubing	16	L-80	6.50	2 7/8	2.44	522.24	4,438.4	4,960.6
Profile Nipple (X)	1			2 7/8	2.31	1.20	4,960.6	4,961.8
Tubing	3	L-80	6.50	2 7/8	2.44	97.96	4,961.8	5,059.8
Gas Lift Mandrel - Orifice	1			4.335	2.44	4.10	5,059.8	5,063.9
Tubing	1	L-80	6.50	2 7/8	2.44	32.60	5,063.9	5,096.5
Tubing (pup jt)	1	L-80	6.50	2 7/8	2.44	4.20	5,096.5	5,100.7
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44	4 5/8	2.44	7.12	5,100.7	5,107.8
Tubing	1	L-80	6.50	2 7/8	2.44	32.63	5,107.8	5,140.4
Profile Nipple (XN w/ no-go)	1			2 7/8	2.21	1.20	5,140.4	5,141.6
Tubing	1	L-80	6.50	2 7/8	2.44	32.64	5,141.6	5,174.3
Mule Shoe w/ pump-out plug (1556 psi shear)				2 7/8	2.44	0.40	5,174.3	5,174.7

Surface, 366.9ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection Buttress Thread	Top (ftKB) 6.0	Set Depth (ftKB) 366.9
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		8	317.74	6.0	323.7
Float Collar		1	1.62	323.7	325.4
Casing Joints		1	39.70	325.4	365.1
Float Shoe		1	1.84	365.1	366.9

Intermediate, 2,822.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	-5.4	2,822.0

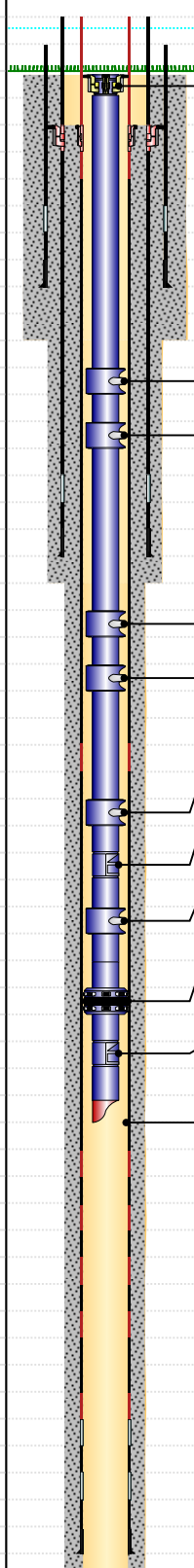


Enduring Resources IV - Production WBD

Well Name: S ESCAVADA UNIT 347H

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

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Original KB Elevation (ft) 6,777.00	KB-Tubing Head Distance (ft)	Spud Date 10/26/2021 13:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,543.7

Horizontal, Original Hole, 4/20/2022 3:34:10 PM							
MD (ftKB)	Vertical schematic (actual)	Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
-5.2		Landing Joint	0	0.00	-5.4	-5.4	
5.9		Casing Joints	0	0.00	-5.4	-5.4	
27.9		Landing Joint	1	36.25	-5.4	30.8	
28.9		Casing Hanger	1	3.20	30.8	34.0	
30.8		Pup Joint	1	3.00	34.0	37.0	
34.1		Casing Joints	69	2,742.14	37.0	2,779.2	
37.1		Float Collar	1	1.35	2,779.2	2,780.5	
323.8		Casing Joints	1	39.87	2,780.5	2,820.4	
325.5		Float Shoe	1	1.60	2,820.4	2,822.0	
365.2		Production, 13,214.7ftKB					
365.8		OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
388.8		5 1/2	17.00	P-110	LT&C	-5.4	13,214.7
394.0		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
2,104.0		Marker Joint	0	0.00	-5.4	-5.4	
2,107.9		Casing Joints	0	0.00	-5.4	-5.4	
2,728.7		Landing Joint	1	36.25	-5.4	30.9	
2,732.9		Casing Hanger	1	3.20	30.9	34.1	
2,779.2		Casing Pup Joint	1	3.00	34.1	37.1	
2,780.5		Casing Joints	105	4,211.97	37.1	4,249.1	
2,821.9		Air Lock	1	1.80	4,249.1	4,250.9	
2,832.0	Marker Joint	1	22.38	4,250.9	4,273.2		
3,288.1	Casing Joints	29	1,147.13	4,273.2	5,420.4		
3,292.3	Marker Joint	1	21.96	5,420.4	5,442.3		
3,877.6	Casing Joints	49	1,883.85	5,442.3	7,326.2		
3,881.9	Marker Joint	1	21.58	7,326.2	7,347.8		
4,249.0	Casing Joints	49	1,902.78	7,347.8	9,250.5		
4,251.0	Marker Joint	1	19.16	9,250.5	9,269.7		
4,273.3	Casing Joints	49	1,918.45	9,269.7	11,188.1		
4,434.4	Marker Joint	1	22.42	11,188.1	11,210.6		
4,438.3	Casing Joints	49	1,905.13	11,210.6	13,115.7		
4,960.6	Toe Sleeve	1	5.10	13,115.7	13,120.8		
4,961.9	Marker Joint	1	18.66	13,120.8	13,139.5		
5,059.7	Float Collar	1	1.92	13,139.5	13,141.4		
5,064.0	Casing Joints	1	33.46	13,141.4	13,174.8		
5,096.5	Float Collar	1	1.92	13,174.8	13,176.8		
5,100.7	Casing Joints	1	36.32	13,176.8	13,213.1		
5,107.9	Float Shoe	1	1.63	13,213.1	13,214.7		
5,140.4	Cement						
5,141.7	Description		Cementing Start Date		Cementing End Date		
5,174.2	Surface Casing Cement		11/18/2021		11/18/2021		
5,174.5	Comment						
5,420.3	BLM present and witnessed SFC CSG CMNT job.						
5,442.3	Description		Cementing Start Date		Cementing End Date		
7,326.1	Intermediate Casing Cement		12/24/2021		12/24/2021		
7,347.8	Comment						
9,250.7	Description		Cementing Start Date		Cementing End Date		
9,269.7	Production Casing Cement		1/13/2022		1/13/2022		
11,188.0	Comment						
11,210.6	Cement Summary:						
13,115.8	PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 209. bbls (195.3 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft3/sk, 13.4 gal H2O/sk. Pumped Tail Cement: 416 bbls (1269 sx) Class G Cement at 13.3 ppg, 1.56 ft3/sk, 7.69 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 305 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,910 psi and plug bumped at 4.0 bpm to 2620 psi. Bled back 2.0 Bbls and floats held.						
13,120.7	Top of Tail: Calculated 3,910 ft MD.						
13,139.4	Top of Lead: surface						
13,141.4	Cement Back 80 BBL,						
13,174.9	Cement in place at 06:24 on 1/13/2022						
13,176.8							
13,212.9							
13,214.6							
13,225.1							

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 104659

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 104659
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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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 104659

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 104659
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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