

Well Name: S ESCAVADA UNIT	Well Location: T22N / R7W / SEC 27 / NESE / 36.108428 / -107.555611	County or Parish/State: SANDOVAL / NM
Well Number: 351H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NOG13121825	Unit or CA Name:	Unit or CA Number: NMNM130812A
US Well Number: 3004321317	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2668211

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 04/22/2022	Time Sundry Submitted: 09:53
Date Operation Actually Began: 03/04/2022	

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 4819' MD Packer: 4745' MD GLVs: 5 (2043', 2603', 3129', 3618', 4144' MD) Orifice Valve: 4704' MD Job Start: 03.4.2022 Job End: 03.20.2022

SR Attachments

Actual Procedure

S_ESCAVADA_351H___Production_WBD_04202022_20220422095244.pdf

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US Well Number: 3004321317	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

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 09:52 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

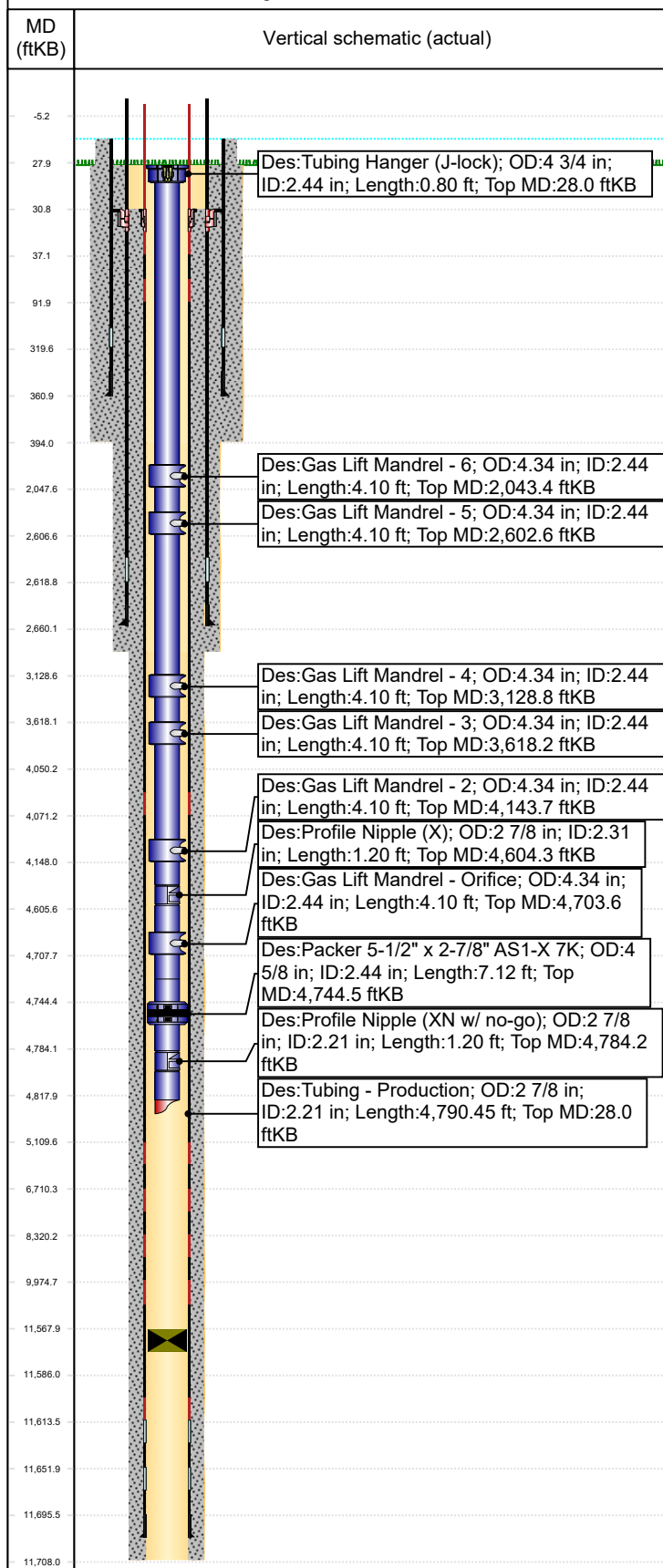


Enduring Resources IV - Production WBD

Well Name: S ESCAVADA UNIT 351H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21317	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 11/12/2021 09:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,652.3

Horizontal, Original Hole, 4/20/2022 4:11:56 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		2,667.0	2,622.8
Production	8 1/2	2,667.0	2,622.8	11,708.0	4,652.3

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 4,818.5ftKB on 3/20/2022 00:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		3/20/2022			4,790.45		4,818.5	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger (J-lock)	1			4 3/4	2.44	0.80	28.0	28.8
Tubing	62	L-80	6.50	2 7/8	2.44	2,014.60	28.8	2,043.4
Gas Lift Mandrel - 6	1			4.335	2.44	4.10	2,043.4	2,047.5
Tubing	17	L-80	6.50	2 7/8	2.44	555.11	2,047.5	2,602.6
Gas Lift Mandrel - 5	1			4.335	2.44	4.10	2,602.6	2,606.7
Tubing	16	L-80	6.50	2 7/8	2.44	522.05	2,606.7	3,128.8
Gas Lift Mandrel - 4	1			4.335	2.44	4.10	3,128.8	3,132.9
Tubing	15	L-80	6.50	2 7/8	2.44	485.36	3,132.9	3,618.2
Gas Lift Mandrel - 3	1			4.335	2.44	4.10	3,618.2	3,622.3
Tubing	16	L-80	6.50	2 7/8	2.44	521.43	3,622.3	4,143.8
Gas Lift Mandrel - 2	1			4.335	2.44	4.10	4,143.8	4,147.9
Tubing	14	L-80	6.50	2 7/8	2.44	456.49	4,147.9	4,604.3
Profile Nipple (X)	1			2 7/8	2.31	1.20	4,604.3	4,605.5
Tubing	3	L-80	6.50	2 7/8	2.44	98.01	4,605.5	4,703.6
Gas Lift Mandrel - Orifice	1			4.335	2.44	4.10	4,703.6	4,707.7
Tubing	1	L-80	6.50	2 7/8	2.44	32.61	4,707.7	4,740.3
Tubing (pup jt)	1	L-80	6.50	2 7/8	2.44	4.20	4,740.3	4,744.5
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44	4 5/8	2.44	7.12	4,744.5	4,751.6
Tubing	1	L-80	6.50	2 7/8	2.44	32.65	4,751.6	4,784.2
Profile Nipple (XN w/ no-go)	1			2 7/8	2.21	1.20	4,784.2	4,785.4
Tubing	1	L-80	6.50	2 7/8	2.44	32.62	4,785.4	4,818.1
Mule Shoe w/ pump-out plug (1945 psi shear)				2 7/8	2.44	0.40	4,818.1	4,818.5

Surface, 361.0ftKB

Surface, 50.0ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection Buttress Thread	Top (ftKB) 0.0	Set Depth (ftKB) 361.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			8	318.05	0.0	318.0
Float Collar			1	1.40	318.0	319.4
Casing Joints			1	39.75	319.4	359.2
Guide Shoe			1	1.84	359.2	361.0

Intermediate, 2,660.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	-5.5	2,660.0



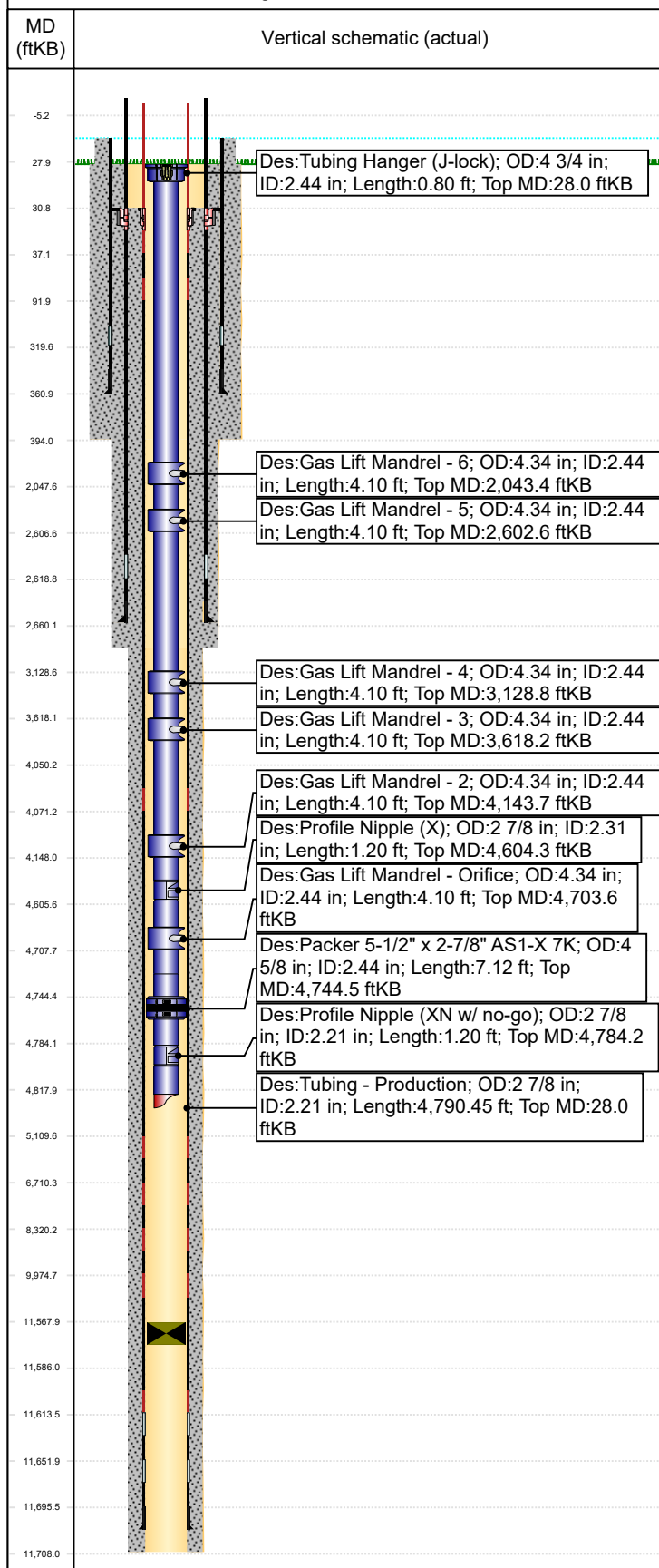
Enduring Resources IV - Production WBD

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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 11/12/2021 09:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,652.3

Horizontal, Original Hole, 4/20/2022 4:11:58 PM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	-5.5	-5.5
Landing Joint	1	36.25	-5.5	30.8
Casing Hanger	1	3.20	30.8	34.0
Pup Joint	1	3.00	34.0	37.0
Casing Joints	65	2,580.38	37.0	2,617.3
Float Collar	1	1.35	2,617.3	2,618.7
Casing Joints	1	39.71	2,618.7	2,658.4
Float Shoe	1	1.60	2,658.4	2,660.0

Production, 11,697.2ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	17.00	J-55	LT&C	-5.4	11,697.2
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		0	0.00	-5.4	-5.4
Landing Joint		1	36.25	-5.4	30.8
Casing Hanger		1	3.20	30.8	34.0
Casing Pup Joint		1	3.00	34.0	37.0
Casing Joints		1	34.40	37.0	71.4
Marker Joint		1	20.54	71.4	92.0
Casing Joints		104	3,958.10	92.0	4,050.1
Air Lock		1	1.80	4,050.1	4,051.9
Marker Joint		1	19.25	4,051.9	4,071.1
Casing Joints		25	1,038.31	4,071.1	5,109.4
Marker Joint		1	22.29	5,109.4	5,131.7
Casing Joints		41	1,578.61	5,131.7	6,710.3
Marker Joint		1	21.65	6,710.3	6,732.0
Casing Joints		42	1,588.37	6,732.0	8,320.4
Marker Joint		1	22.23	8,320.4	8,342.6
Casing Joints		41	1,632.14	8,342.6	9,974.7
Marker Joint		1	22.18	9,974.7	9,996.9
Casing Joints		40	1,588.97	9,996.9	11,585.9
Toe Sleeve		1	5.10	11,585.9	11,591.0
Marker Joint		1	22.45	11,591.0	11,613.4
Float Collar		1	1.92	11,613.4	11,615.4
Casing Joints		1	36.57	11,615.4	11,651.9
Float Collar		1	1.92	11,651.9	11,653.8
Casing Joints		1	41.73	11,653.8	11,695.6
Float Shoe		1	1.63	11,695.6	11,697.2

Cement

Description	Cementing Start Date	Cementing End Date
Surface Casing Cement	11/13/2021	11/15/2021
Comment PJSM , Test Lines , Pumped 30 bbl Water Spacer , Batch Mix 86.6 bbl Type III Cement (350 sks) , 14.6 ppg , Shut Down Drop Plug , Displace With 49.5 bbl Water , Bump Plug With 510 psi , 20 bbl Good Cement To Surface , Check Float , Float Held Bled 1/2 bbl Back		
Intermediate Casing Cement	12/21/2021	12/21/2021

Comment
Cement Offline as follows:
PJSM with Drake Energy Services. Pressure tested lines to 2500 psi. Pumped 160 bbls mud to circulate well; Pumped 20 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 203 bbls (617 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 30 bbls (52sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 208 bbls FW. Plug bumped Maintained returns throughout job. Calculated 50 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,430 ft MD. Released Rig @ 15:30 12/21/2021 to the South Escavavda Unit 351H. (Cement 17:00 Hour,s To 19:45 Hour,s on -12-21-2021)



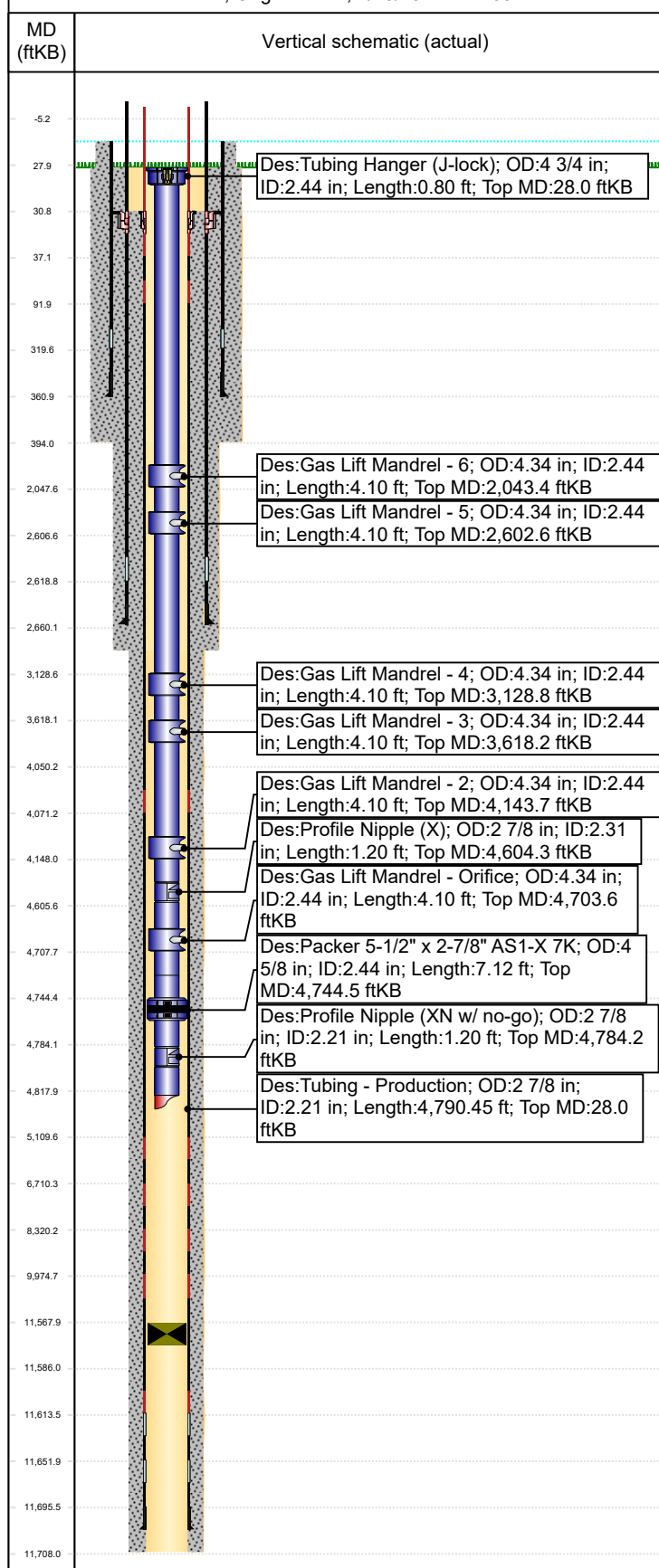
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Horizontal, Original Hole, 4/20/2022 4:12:00 PM



Cement

Description Production Casing Cement	Cementing Start Date 1/6/2022	Cementing End Date 1/6/2022
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 459. bbls (195.3 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft³/sk, 13.4 gal H₂O/sk. Pumped Tail Cement: 357.4 bbls (1269 sx) Class G Cement at 13.3 ppg, 1.56 ft³/sk, 7.7 gal H₂O/sk. Washed lines, dropped plug & began displacement. Displaced with 270 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,650 psi and plug bumped at 4.0 bpm to 3069 psi. Bled back 2.0 Bbls and floats held. Top of Tail: Calculated 3,660 ft MD. Tof of Lead: surface Cement Back 170 BBL, Calculated Back 55 bbl's Cement in place at 17:40 on 1/6/2022		

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 104667

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 104667
	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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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 104667

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Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
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CONDITIONS

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