

Well Name: S ESCAVADA UNIT	Well Location: T22N / R7W / SEC 21 / NESE / 36.108441 / -107.555677	County or Parish/State: SANDOVAL / NM
Well Number: 350H	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: 3004321318	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2668207

Type of Submission: Subsequent Report

Date Sundry Submitted: 04/22/2022

Date Operation Actually Began: 03/14/2022

Type of Action: Workover Operations

Time Sundry Submitted: 09:47

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 4919' MD Packer: 4845' MD GLVs: 5 (2047', 2668', 3223', 3749', 4243' MD) Orifice Valve: 4804' MD Job Start: 03.14.2022 Job End: 03.21.2022

SR Attachments

Actual Procedure

S._ESCAVADA_350H___Production_WBD_04202022_20220422094656.pdf

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Lease Number: N0G13121826	Unit or CA Name:	Unit or CA Number: NMNM130812A
US Well Number: 3004321318	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 09:47 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	

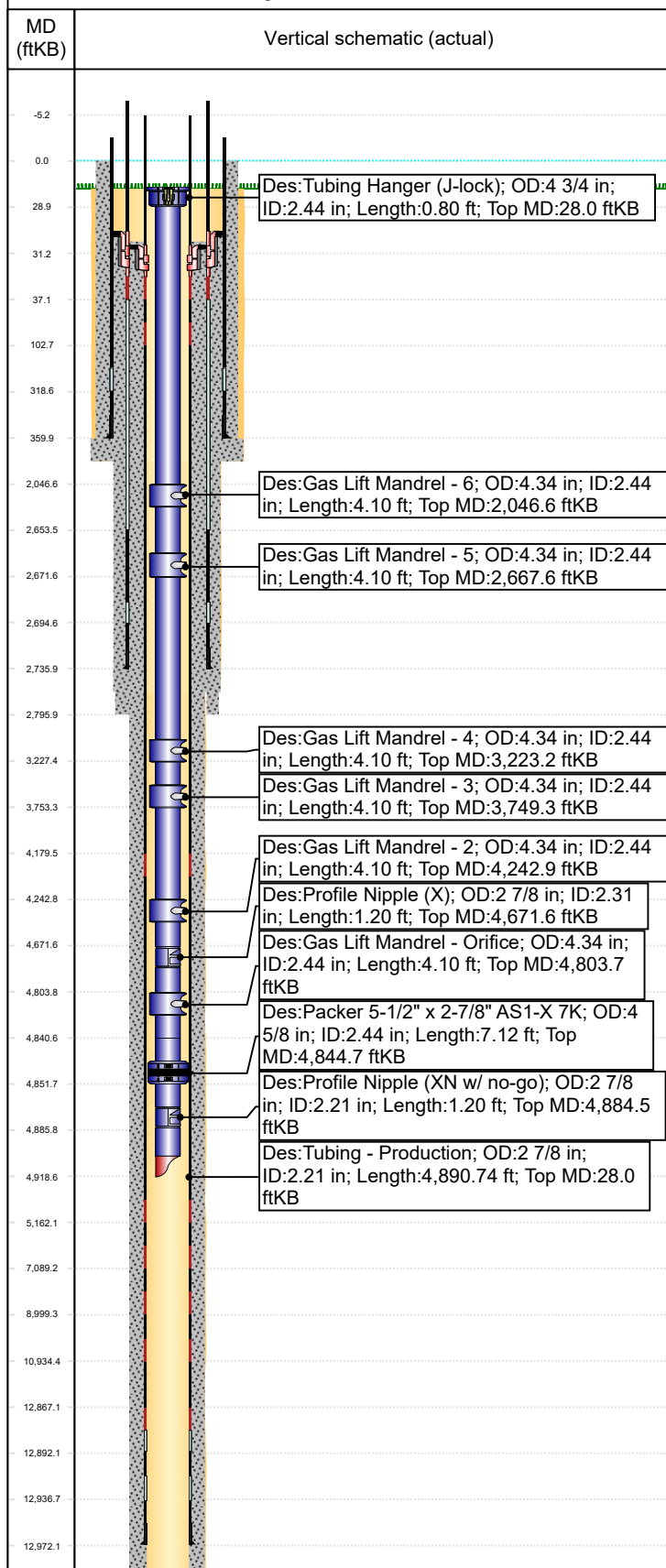


Enduring Resources IV - Production WBD

Well Name: S ESCAVADA UNIT 350H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21318	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 11/14/2021 10:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,529.6

Horizontal, Original Hole, 4/20/2022 3:59:48 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		393.0	
Intermediate	12 1/4	393.0		2,746.0	2,629.7
Production	8 1/2	2,746.0	2,629.7	12,984.0	4,529.6

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 4,918.7ftKB on 3/21/2022 00:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		3/21/2022			4,890.74		4,918.7	
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	2,017.83	28.8	2,046.6
Gas Lift Mandrel - 6	1			4.335	2.44	4.10	2,046.6	2,050.7
Tubing	19	L-80	6.50	2 7/8	2.44	616.87	2,050.7	2,667.6
Gas Lift Mandrel - 5	1			4.335	2.44	4.10	2,667.6	2,671.7
Tubing	17	L-80	6.50	2 7/8	2.44	551.49	2,671.7	3,223.2
Gas Lift Mandrel - 4	1			4.335	2.44	4.10	3,223.2	3,227.3
Tubing	16	L-80	6.50	2 7/8	2.44	522.00	3,227.3	3,749.3
Gas Lift Mandrel - 3	1			4.335	2.44	4.10	3,749.3	3,753.4
Tubing	15	L-80	6.50	2 7/8	2.44	489.54	3,753.4	4,242.9
Gas Lift Mandrel - 2	1			4.335	2.44	4.10	4,242.9	4,247.0
Tubing	13	L-80	6.50	2 7/8	2.44	424.56	4,247.0	4,671.6
Profile Nipple (X)	1			2 7/8	2.31	1.20	4,671.6	4,672.8
Tubing	4	L-80	6.50	2 7/8	2.44	130.92	4,672.8	4,803.7
Gas Lift Mandrel - Orifice	1			4.335	2.44	4.10	4,803.7	4,807.8
Tubing	1	L-80	6.50	2 7/8	2.44	32.68	4,807.8	4,840.5
Tubing (pup jt)	1	L-80	6.50	2 7/8	2.44	4.20	4,840.5	4,844.7
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44	4 5/8	2.44	7.12	4,844.7	4,851.8
Tubing	1	L-80	6.50	2 7/8	2.44	32.68	4,851.8	4,884.5
Profile Nipple (XN w/ no-go)	1			2 7/8	2.21	1.20	4,884.5	4,885.7
Tubing	1	L-80	6.50	2 7/8	2.44	32.65	4,885.7	4,918.3
Mule Shoe w/ pump-out plug (1945 psi shear)				2 7/8	2.44	0.40	4,918.3	4,918.7

Surface, 360.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
13 3/8	54.50	J-55	LT&C	-0.7	360.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		8	317.54	-0.7	316.8
Float Collar		1	1.62	316.8	318.5
Casing Joints		1	39.70	318.5	358.2
Float Shoe		1	1.84	358.2	360.0

Intermediate, 2,736.0ftKB

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	2,736.0

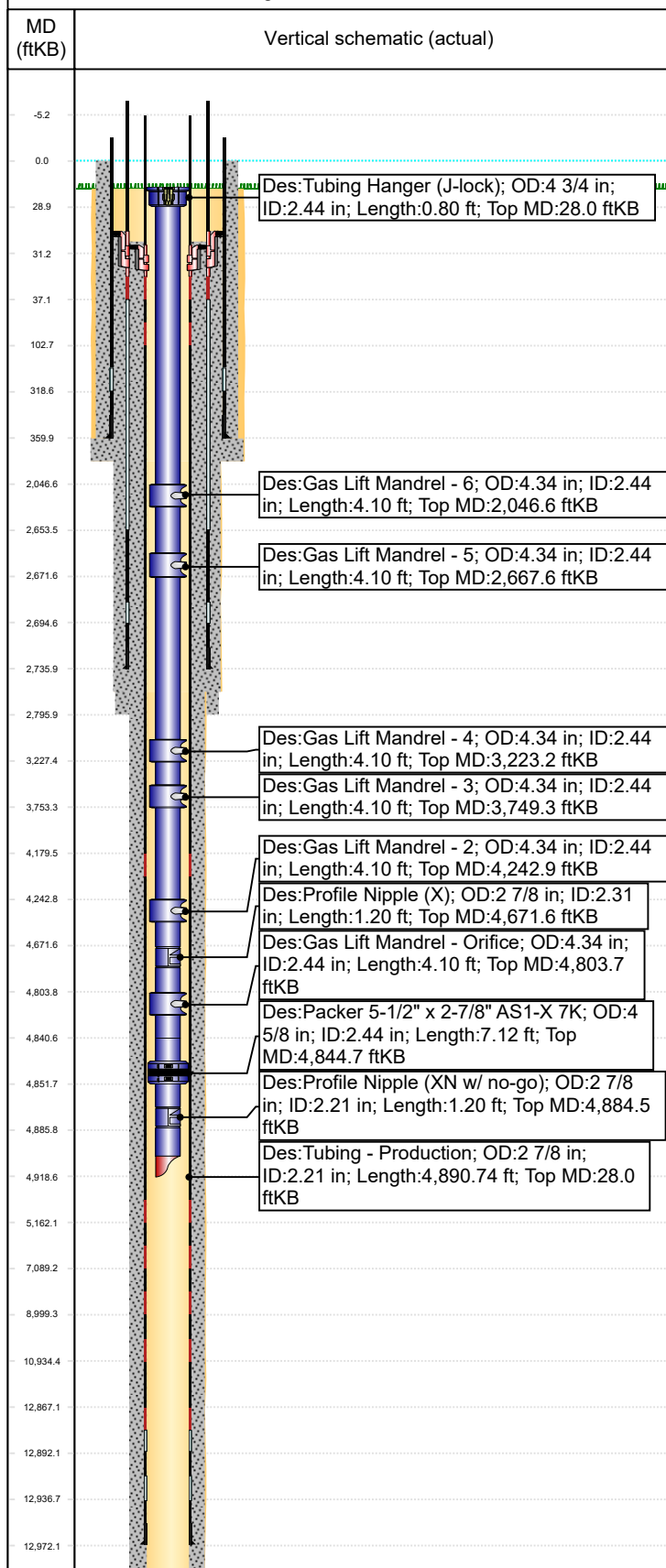


Enduring Resources IV - Production WBD

Well Name: S ESCAVADA UNIT 350H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21318	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 11/14/2021 10:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,529.6

Horizontal, Original Hole, 4/20/2022 3:59:49 PM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	-5.4	-5.4
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	66	2,616.62	37.0	2,653.6
Casing Joints	1	39.73	2,653.6	2,693.4
Float Collar	1	1.35	2,693.4	2,694.7
Casing Joints	1	39.69	2,694.7	2,734.4
Float Shoe	1	1.60	2,734.4	2,736.0

Production, 12,972.0ftKB

OD (in) 5 1/2	Wt/Len (lb/ft) 17.00	String Grade P-110	Top Connection LT&C	Top (ftKB) -5.2	Set Depth (ftKB) 12,972.0
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Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	-5.2	-5.2
Landing Joint	1	36.24	-5.2	31.0
Casing Hanger	1	3.20	31.0	34.2
Casing Pup Joint	1	3.00	34.2	37.2
Casing Joints	1	42.44	37.2	79.7
Marker Joint	1	22.87	79.7	102.5
Casing Joints	100	4,075.23	102.5	4,177.8
Air Lock	1	1.80	4,177.8	4,179.6
Marker Joint	1	22.73	4,179.6	4,202.3
Casing Joints	25	937.34	4,202.3	5,139.6
Marker Joint	1	22.53	5,139.6	5,162.2
Casing Joints	49	1,904.29	5,162.2	7,066.5
Marker Joint	1	22.78	7,066.5	7,089.2
Casing Joints	49	1,887.21	7,089.2	8,976.5
Marker Joint	1	22.82	8,976.5	8,999.3
Casing Joints	51	1,912.23	8,999.3	10,911.5
Marker Joint	1	22.91	10,911.5	10,934.4
Casing Joints	53	1,927.75	10,934.4	12,862.2
Toe Sleeve	1	5.10	12,862.2	12,867.3
Marker Joint	1	22.78	12,867.3	12,890.0
Float Collar	1	1.92	12,890.0	12,892.0
Casing Joints	1	42.95	12,892.0	12,934.9
Float Collar	1	1.92	12,934.9	12,936.8
Casing Joints	1	33.54	12,936.8	12,970.4
Float Shoe	1	1.63	12,970.4	12,972.0

Cement

Description Surface Casing Cement	Cementing Start Date 11/13/2021	Cementing End Date 11/14/2021
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		
Description Intermediate Casing Cement	Cementing Start Date 12/19/2021	Cementing End Date 12/20/2021
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 did not bump shut in with 750 psi Maintained returns throughout job. Calculated 75. bbls of good cement to surface. Top of Lead to surface and top of tail at 2,333 ft MD. Released Rig @ 22:30 12/19/2021 to the South Escavada Unit 350H. (Cement 23:30 Hour,s To 02:30 Hour,s on -12-20-2021)		



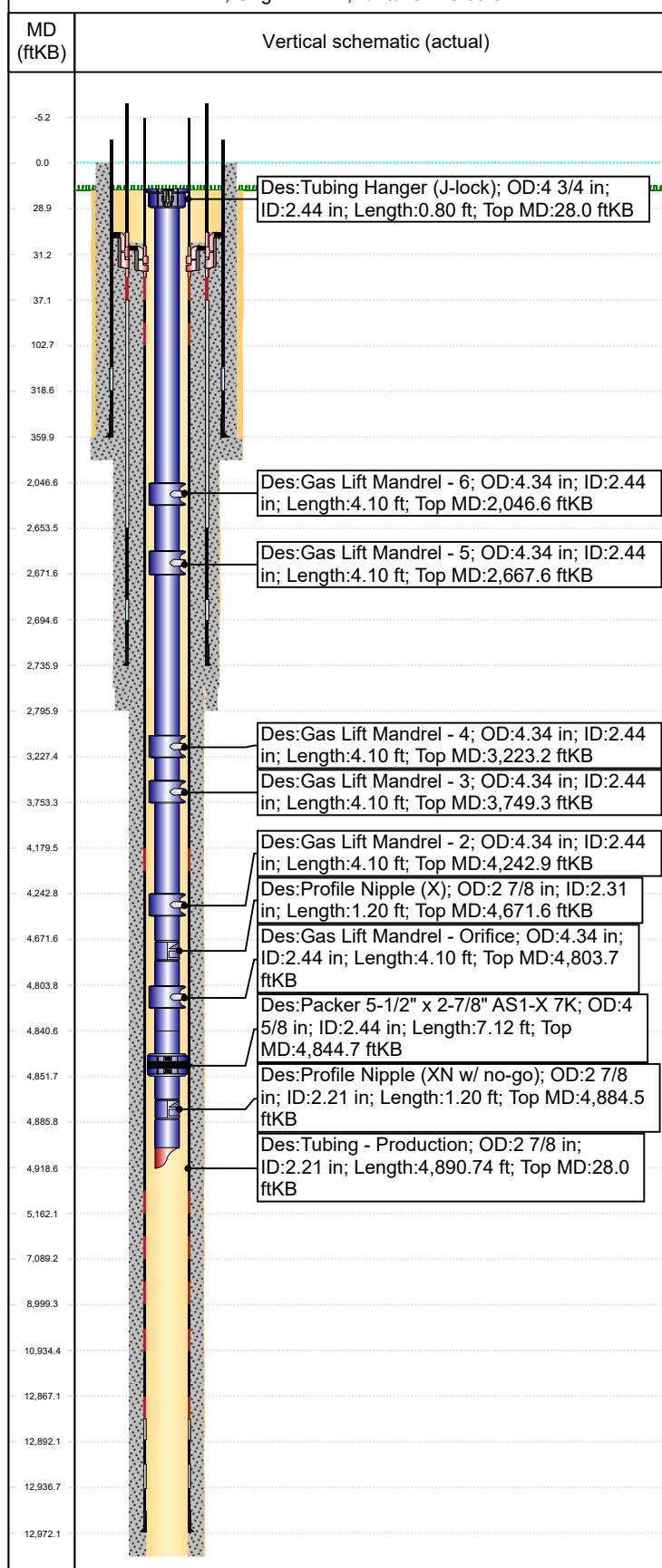
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Horizontal, Original Hole, 4/20/2022 3:59:51 PM



Cement

Description Production Casing Cement	Cementing Start Date 12/30/2021	Cementing End Date 12/30/2021
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 201.33. bbls (479 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft ³ /sk, 13.4 gal H ₂ O/sk. Pumped Tail Cement: 408.42 bbls (1470 sx) Class G Cement at 13.3 ppg, 1.56 ft ³ /sk, 7.7 gal H ₂ O/sk. Washed lines, dropped plug & began displacement. Displaced with 299 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,981 psi and plug bumped at 4.0 bpm to 2,906 psi. Bled back 3.0 Bbls and floats held. Top of Tail: Calculated 3,008 ft MD. ToF of Lead: surface Cement Back 100 BBL, Calculated Back 73 bbl's Cement in place at 13:30 on 12/30/2021		

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 104663

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 104663
	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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CONDITIONS

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CONDITIONS

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