

Well Name: NE LYBROOK COM	Well Location: T23N / R6W / SEC 8 / NWSW / 36.236255 / -107.500689	County or Parish/State: RIO ARRIBA / NM
Well Number: 268H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078359	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931281	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2652239

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 01/12/2022	Time Sundry Submitted: 10:06
Date Operation Actually Began: 12/27/2021	

Actual Procedure: Enduring Resources completed a workover on the subject well to repair the gas lift completion. An updated schematic is attached. Job Start: 12/27/2021 Job End: 12/28/2021 EOT: 6,173' MD PACKER: 5,841' MD GLV: 5,798' MD

SR Attachments

Actual Procedure

NE_LYBROOK_COM_268H_WBD_12282021_20220112100459.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: JAN 12, 2022 10:05 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: 01/14/2022
Signature: Kenneth Rennick	



Enduring Resources IV - Production WBD

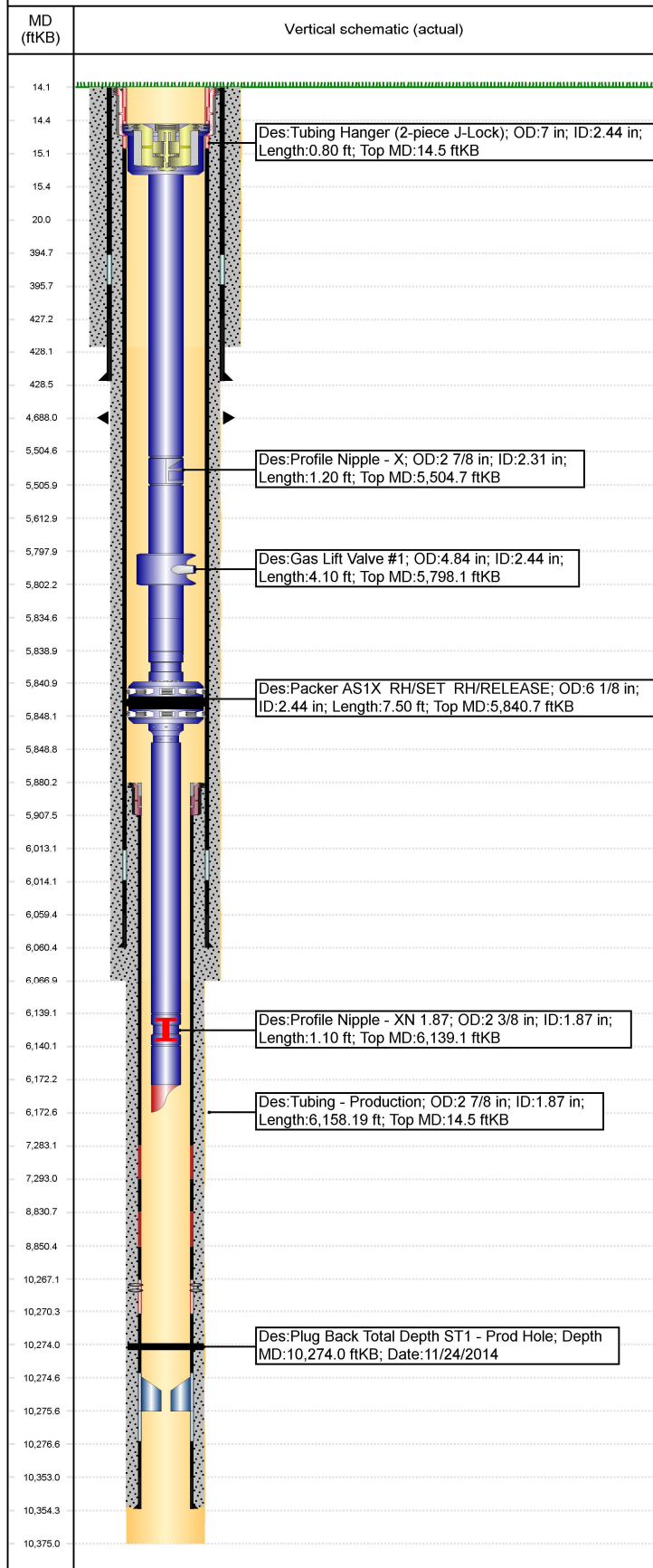
NE LYBROOK COM 268H FKA

Well Name: NE CHACO COM 268H

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

API/UWI 30-039-31281	Surface Legal Location NE CHACO COM 268H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,846.01	KB-Tubing Head Distance (ft)	Spud Date 11/11/2014 03:30	Rig Release Date 11/25/2014 03:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, ST1 - Prod Hole, 1/6/2022 11:03:58 AM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
INTERMEDIATE	8 3/4	4,688.0	4,620.2	6,067.0	5,604.6
PRODUCTION	6 1/8	6,067.0	5,604.6	10,375.0	5,596.9

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 6,172.7ftKB on 12/28/2021 11:30

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	12/28/2021	6,158.19	6,172.7
Item Des	Jts	Grade	Wt (lb/ft)
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
			Btm (ftKB)
Tubing Hanger (2-piece J-Lock)			7 2.44 0.80 14.5 15.3
Tubing	169	L-80	6.50 2 7/8 2.44 5,489.41 15.3 5,504.7
Profile Nipple - X	1	L-80	2 7/8 2.31 1.20 5,504.7 5,505.9
Tubing	9	L-80	6.50 2 7/8 2.44 292.15 5,505.9 5,798.1
Gas Lift Valve #1	1	L-80	4.835 2.44 4.10 5,798.1 5,802.2
Tubing	1	L-80	6.50 2 7/8 2.44 32.54 5,802.2 5,834.7
Tubing Pup	1	L-80	6.50 2 7/8 2.44 4.20 5,834.7 5,838.9
On-Off Tool w/F NIPPLE 2.25	1	L-80	6.50 2 7/8 2.25 1.82 5,838.9 5,840.7
Packer AS1X RH/SET RH/RELEASE	1	L-80	6 1/8 2.44 7.50 5,840.7 5,848.2
Cross Over	1	L-80	2 7/8 1.99 0.40 5,848.2 5,848.6
Tubing	9	L-80	4.70 2 3/8 1.99 290.44 5,848.6 6,139.1
Profile Nipple - XN 1.87	1	L-80	2 3/8 1.87 1.10 6,139.1 6,140.2
Tubing	1	L-80	4.70 2 3/8 1.99 32.13 6,140.2 6,172.3
Mule Shoe Collar	1	L-80	4.70 2 3/8 1.99 0.40 6,172.3 6,172.7

SURFACE CASING, 428.4ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	8RD	14.0	428.4
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,		12	380.73	14.0	394.7
Float Collar - Float Collar, Float Collar, in, 36.00 ppf, HOWCO, ,		1	0.90	394.7	395.6
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,		1	31.39	395.6	427.0
Casing Shoe - Casing Shoe, Casing Shoe, in, 36.00 ppf, HOWCO, ,		1	1.42	427.0	428.4

INTERMEDIATE CASING, 6,060.4ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection 8RD	Top (ftKB) 14.0	Set Depth (ftKB) 6,060.4	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - LANDING JOINT - 18.30'			1	0.00	14.0	14.0
Casing Hanger			1	1.00	14.0	15.0
Casing Joints			133	5,998.22	15.0	6,013.2
Float Collar			1	0.87	6,013.2	6,014.1
Casing Joints			1	45.18	6,014.1	6,059.2
Float Shoe			1	1.20	6,059.2	6,060.4

PRODUCTION LINER, 10,354.2ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
4 1/2	11.60	N-80	8RD	5,880.3	10,354.2	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Liner Hanger			1	27.18	5,880.3	5,907.5

Enduring Resources IV - Production WBD

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

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Horizontal, ST1 - Prod Hole, 1/6/2022 11:04:01 AM

Vertical schematic (actual)

Des:Tubing Hanger (2-piece J-Lock); OD:7 in; ID:2.44 in; Length:0.80 ft; Top MD:14.5 ftKB

Des:Profile Nipple - X; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,504.7 ftKB

Des:Gas Lift Valve #1; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:5,798.1 ftKB

Des:Packer AS1X RH/SET RH/RELEASE; OD:6 1/8 in; ID:2.44 in; Length:7.50 ft; Top MD:5,840.7 ftKB

Des:Profile Nipple - XN 1.87; OD:2 3/8 in; ID:1.87 in; Length:1.10 ft; Top MD:6,139.1 ftKB

Des:Tubing - Production; OD:2 7/8 in; ID:1.87 in; Length:6,158.19 ft; Top MD:14.5 ftKB

Des:Plug Back Total Depth ST1 - Prod Hole; Depth MD:10,274.0 ftKB; Date:11/24/2014

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	36	1,375.59	5,907.5	7,283.1
Marker Joint	1	10.03	7,283.1	7,293.1
Casing Joints	40	1,537.51	7,293.1	8,830.6
Marker Joint	1	19.78	8,830.6	8,850.4
Casing Joints	37	1,416.70	8,850.4	10,267.1
Rapid Frac Sleeve	1	3.34	10,267.1	10,270.5
Marker Joint	1	4.04	10,270.5	10,274.5
Landing Collar	1	1.11	10,274.5	10,275.6
Casing Float Collar	1	0.87	10,275.6	10,276.5
Casing Joints	2	76.54	10,276.5	10,353.0
Casing Float Shoe	1	1.23	10,353.0	10,354.2

Cement

Description	Cementing Start Date	Cementing End Date
SURFACE CEMENT	9/19/2014	9/19/2014

Comment

Description	Cementing Start Date	Cementing End Date
PLUG BACK	11/15/2014	11/15/2014

Comment

Pumped 29bbls of Tuned Spacer, 12.5ppg, Cement Plug – 425sx (75.5bbl Slurry) of PlugCem, 17.0ppg, yield 1.0, Mix Ratio 3.87, 6bbls of Tuned Spacer, 12.5ppg. Displace with 39bbls of drilling mud. Cement in place at 0800hrs 11/15/2014

Description	Cementing Start Date	Cementing End Date
INTERMEDIATE CEMENT	11/19/2014	11/19/2014

Comment

Pumped 10bbls of Mud Flush, 40bbls of chemical wash, Scavenger 52sx (19.6bbls slurry). 11.5ppg, Lead Slurry 740sx (190bbl Slurry) of (foamed lead cement) Elastiseal, with 0.2% versaset (55lbs/sk), .15% Halad-766 (55lbs/sk), 1.5% chem-foamer 760 (tote tank), 0.2% Halad @-344 (50lb), 6.92gal fresh water, 13ppg, yield 1.44, 6.75 mix ratio, Tail Slurry 100sks (23.5bbl Slurry) of Halcem Cement, 0.2% versaset (55lb/sk), 0.15% Halad-766 (55lb/sk), 5.87gal fresh water, 13.5ppg, yield 1.32, Mix ratio 5.82. Displace with 236.8bbls mud

Final Circulating pressure 800psi@ 2bbls per min. Bump Plug to 1650psi. Plug Down @ 1937hrs 11/19/2014. Floats held. Cement to Surface - 47bbls Cap Cement 100sx (20.8bbl Slurry) 1.17 yield, Mix ratio 5.11

Description	Cementing Start Date	Cementing End Date
PROD LINER CEMENT	11/24/2014	11/24/2014

Comment

Pumped 10bbls of fresh water, 40bbls of Tuned Spacer III, 9.5ppg, yield 14.49, mix ratio 98.9, Cap Cement 35sx (9bbl Slurry) of Elastiseal Cement with .2% versaset, .15% Halad-766 .2% Halad@-344, 6.92gal water, 13.0ppg, Yield 1.46, Mix 6.92, Foam Lead 225sks (57bbl Slurry) of Elastiseal Cement with .2% versaset, .15% Halad-766 .2.5% Chem-Foamer 760, .2% Halad @-344, 6.924gal fresh water, 13.0ppg, Yield 1.46, Mix 6.92, Tail Cement 100sx (23bbl Slurry) of Elastiseal Cement with 2% versaset, .15% Halad-766, .05% SA-1015, 5.81gal fresh water, 13.5ppg, yield 1.3, Mix ratio 5.81, Displace with 40bbls of MMCR spacer + 40bbls of 2% KCL Water +20bbls fresh water + 31bbls of KCL water. Total displacement 121.8bbls

Final Circulating Pressure 1090psi@ 2bbls/min. Bumped Plug to 1450psi. Plug Down @ 1337hrs 11/24/2014. Floats held. Drop ball, Set liner with 3650psi, Release from liner hanger

Circulate with 2% KCL water, Cement to Surface - 40bbls, Pressure tested liner top to 1500psi for 30min.

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 73838

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 73838
	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 Number: 73838
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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