

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-045-35441
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. L2986-1
7. Lease Name or Unit Agreement Name CHACO 2408- 32P
8. Well Number 114H
9. OGRID Number 372286
10. Pool name or Wildcat Nageezi Gallup

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Enduring Resources IV LLC	
3. Address of Operator 200 Energy Court Farmington NM 87401	
4. Well Location Unit Letter <u>P</u> : 1203' feet from the <u>S</u> line and 382' feet from the <u>E</u> line Section <u>32</u> Township <u>24N</u> Range <u>08W</u> NMPM County <u>SAN JUAN</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7017'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Enduring Resources performed a workover for tubing repair and gas lift re-installation. An updated well schematic is attached.

EOT: 5704.5' MD
 Seat Nipple: 5633.7' MD
 Rod Pump btm: 5633.7' MD
 Job Start: 05.10.2022
 Job End: 05.12.2022

Spud Date: 1/4/13 Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Heather Huntington TITLE Permitting Technician DATE 6/6/22

Type or print name Heather Huntington E-mail address: hhuntington@enduringresources.com PHONE: 505-636-9751

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

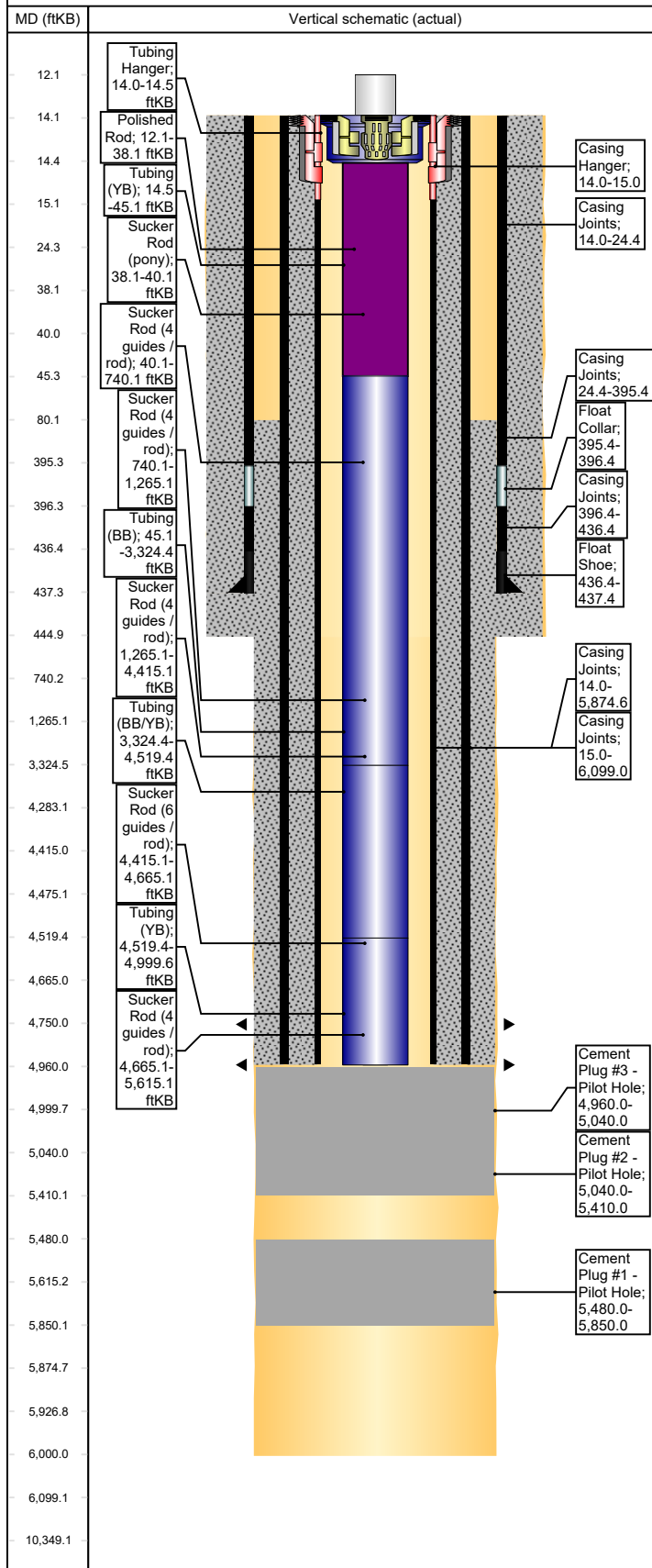


Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2408-32P 114H (FKA CHACO)

API/UWI 30-045-35441		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location SE/2, SE/2, Section 32, (Unit P), Twp 24N, Rng 08W, NMPM	
Spud Date 1/4/2013	On Production Date 4/14/2013	Abandon Date	Ground Elevation (ft) 7,017.01	Original KB Elevation (ft) 7,031.01	Total Depth (All) (ftKB) Original Hole - 6,000.0; Sidetrack 1 - 5,120.0; ST2 - Production Hole - 10,349.0		PBTD (All) (ftKB) ST2 - Production Hole - 10,316.0

Horizontal, Original Hole, 6/6/2022 11:34:43 AM



Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
Cement Plug #1 - Pilot Hole		5,480.0	5,850.0	1/16/2013 16:30
Cement Plug #2 - Pilot Hole		5,040.0	5,410.0	1/16/2013 20:00
Cement Plug #3 - Pilot Hole		4,960.0	5,040.0	1/17/2013 00:00
Whipstock		4,946.0	4,959.0	1/27/2013 04:30
OH Cement Plug #4 - ST1		4,959.0	4,974.0	1/27/2013 07:00

Rod Strings

Rod on 5/11/2022 17:00

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Rod		5,636.60	5,648.7	5/11/2022	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2	26.00	12.1	38.1
1	Sucker Rod (pony)	7/8	2.00	38.1	40.1
28	Sucker Rod (4 guides / rod)	7/8	700.00	40.1	740.1
21	Sucker Rod (4 guides / rod)	3/4	525.00	740.1	1,265.1
126	Sucker Rod (4 guides / rod)	3/4	3,150.00	1,265.1	4,415.1
10	Sucker Rod (6 guides / rod)	3/4	250.00	4,415.1	4,665.1
38	Sucker Rod (4 guides / rod)	7/8	950.00	4,665.1	5,615.1
1	Stabilizer bar (3 guides / rod)	7/8	4.00	5,615.1	5,619.1
1	Shear Tool 21K	7/8	0.60	5,619.1	5,619.7
1	Rod Insert Pump (2" x 1-1/4" x 12' x 14 RHBC)	2	14.00	5,619.7	5,633.7
1	Dip Tube	1	15.00	5,633.7	5,648.7

Tubing Strings

Tubing - Production set at 5,704.5ftKB on 5/12/2022 13:30

Tubing Description		Len (ft)	Set Depth (f...	Run Date	Cut/Pull Date	Depth C...	
Tubing - Production		5,690.53	5,704.5	5/12/2022			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	4	0.50	14.0	14.5	J-55	
	Tubing (YB)	2 3/8	30.67	14.5	45.1	J-55	4.70
10	Tubing (BB)	2 3/8	3,279.2	45.1	3,324.4	J-55	4.70
6			2				
38	Tubing (BB/YB)	2 3/8	1,195.0	3,324.4	4,519.4	J-55	4.70
			6				
1	Tubing (YB)	2 3/8	480.17	4,519.4	4,999.6	J-55	4.70
1	Tubing Anchor RH set/ RH rel	4	4.00	4,999.6	5,003.6	J-55	
20	Tubing (YB)	2 3/8	629.99	5,003.6	5,633.6	J-55	4.70
1	Seat Nipple	2 3/8	1.10	5,633.6	5,634.7	J-55	
1	Perforated Sub	2 3/8	4.20	5,634.7	5,638.9	J-55	
2	Tubing	2 3/8	64.82	5,638.9	5,703.7	J-55	4.70
1	Purge Valve	2 3/8	0.80	5,703.7	5,704.5	J-55	

Casing Strings

Production Casing - 4-1/2", 10,348.3ftKB

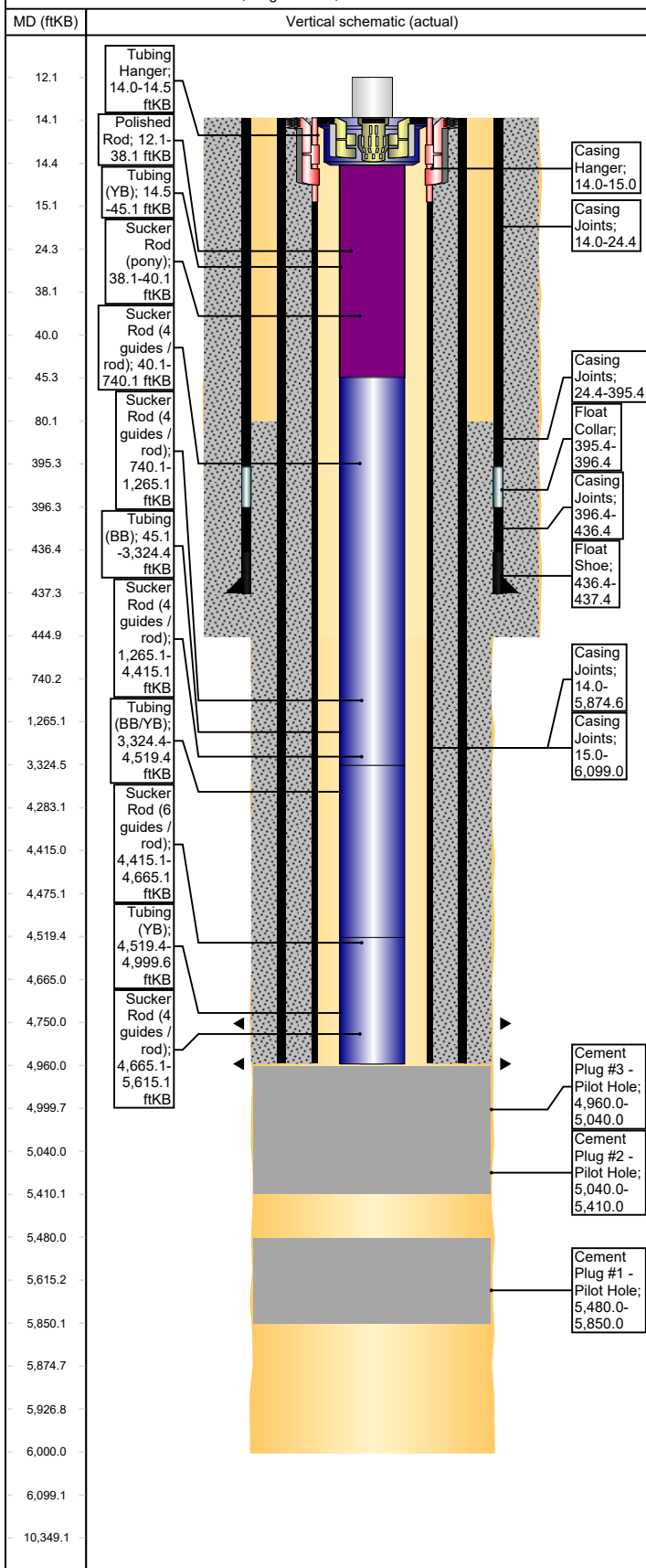
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Casing - 4-1/2"	4 1/2	11.60	N-80	14.0	10,348.3		4.00

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger		4 1/2	4.00		N-80	1.00
Casing Joints	143	4 1/2	4.00	11.60	N-80	6,084.00
Marker Joints	1	4 1/2	4.00	11.60	N-80	16.00
Casing Joints	50	4 1/2	4.00	11.60	N-80	2,125.13

WellView®**Wellbore Schematic - Components and Cement****Well Name: LYBROOK 2408-32P 114H (FKA CHACO)**

Horizontal, Original Hole, 6/6/2022 11:34:44 AM

**Casing Components**

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joints	1	4 1/2	4.00	11.60	N-80	16.00
Casing Joints	49	4 1/2	4.00	11.60	N-80	2,060.51
Float Collar		4 1/2	4.00	11.60	N-80	1.00
Casing Joints	1	4 1/2	4.00	11.60	N-80	29.62
Float Shoe		4 1/2	4.00	11.60	N-80	1.00

Intermediate Casing - 7", 5,924.1ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate Casing - 7"	7	23.00	J-55	14.0	5,924.1		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	129	7	6.37	23.00	J-55	5,860.60
Float Collar		7	6.37		J-55	1.00
Casing Joints	1	7	6.37	23.00	J-55	47.54
Float Shoe		7	6.37		J-55	1.00

Surface Casing - 9-5/8", 437.4ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface Casing - 9-5/8"	9 5/8	36.00	K-55	14.0	437.4		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	1	9 5/8	8.92	36.00	K-55	10.40
Casing Joints	8	9 5/8	8.92	36.00	K-55	371.00
Float Collar		9 5/8	8.92	36.00	K-55	1.00
Casing Joints	1	9 5/8	8.92	36.00	K-55	40.00
Float Shoe		9 5/8	8.92	36.00	K-55	1.00

Cement**Surface Cement, Casing, 1/5/2013 12:00**

Description	String	Cementing Start Date	Cementing End Date
Surface Cement	Surface Casing - 9-5/8", 437.4ftKB	1/5/2013 12:00	1/5/2013 15:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	437.4	240 sx cmt

OH Cement Plugs - Pilot Hole, Plug, 1/6/2013 15:00

Description	String	Cementing Start Date	Cementing End Date
OH Cement Plugs - Pilot Hole	Original Hole	1/6/2013 15:00	1/17/2013 00:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,480.0	5,850.0	PUMP 1'st PLUG, 5850'-5400', 40 Bbl MUDFLUSH 3 SPACER, 145sx(28.9Bbl, 162cf, 15.8ppg, YIELD = 1.12cfs)DISPLACE W/ 7.5 Bbl FW & 69 Bbl MUD.
2	5,040.0	5,410.0	PUMP 2'nd PLUG, 5410'-5040', 40 Bbl MUDFLUSH 3 SPACER, 145sx CLASS G+0.1%HR-5+0.15%
3	4,475.0	5,040.0	CEMENT 3'rd PLUG F/ 5040' TO 4475', 40 Bbl MUDFLUSH SPACER, 231sxCLASS G CMT+3% PotCl+0.2% HR-5+3.8gsfw(41Bbl, 231cuft, 17ppg, 1 YLD)DISPLACE W/ 9.5Bbl FW & 50.5 Bbl MUD.ESTIMATE TOC @ 4475'.

OH Cement Plug - w/ Whipstock, Plug, 1/27/2013 04:30

Description	String	Cementing Start Date	Cementing End Date
OH Cement Plug - w/ Whipstock	Original Hole	1/27/2013 04:30	1/27/2013 07:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,833.0	4,974.0	75 sx premium Class G Cmt

Intermediate Cement, Casing, 2/1/2013 21:00

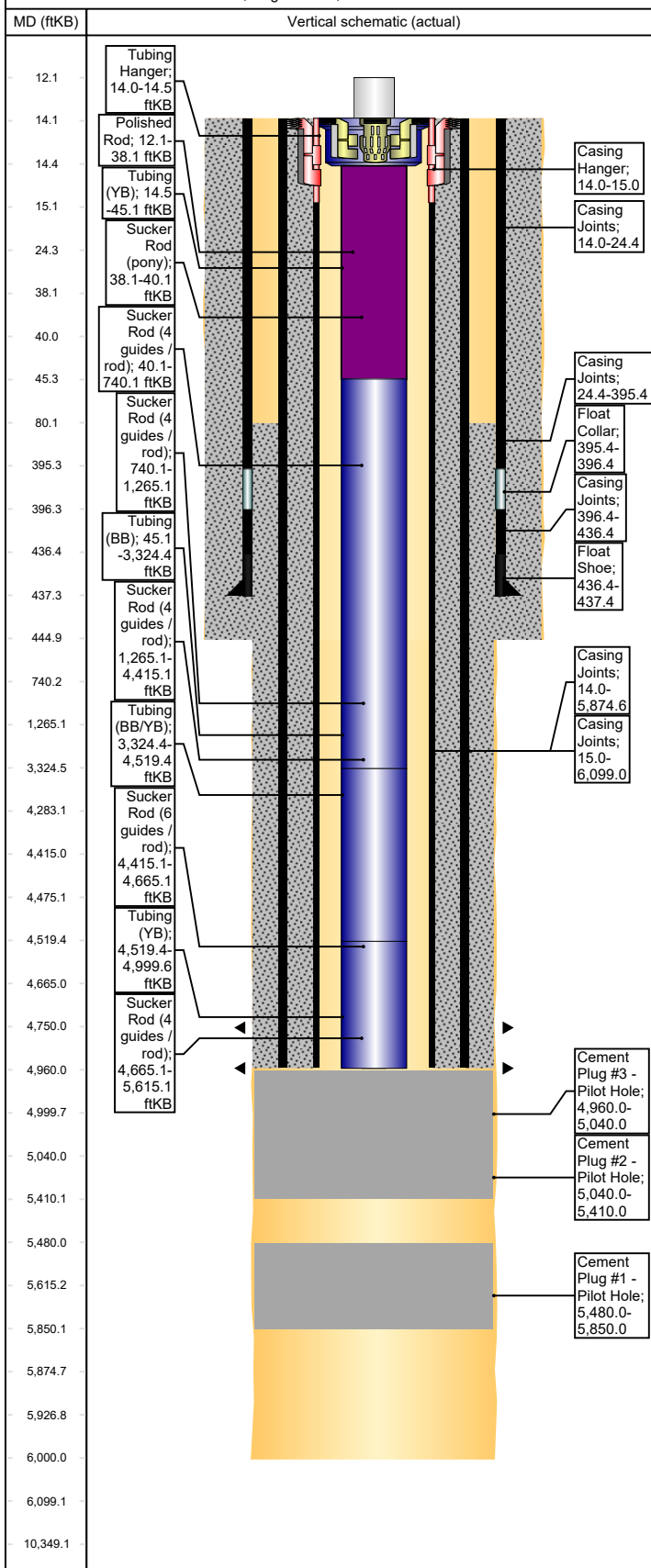
Description	String	Cementing Start Date	Cementing End Date
Intermediate Cement	Intermediate Casing - 7", 5,924.1ftKB	2/1/2013 21:00	2/2/2013 01:00



Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2408-32P 114H (FKA CHACO)

Horizontal, Original Hole, 6/6/2022 11:34:45 AM



Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	80.0	5,927.0	780 sx cmt

Production Cement, Casing, 2/17/2013 00:00

Description	String	Cementing Start Date	Cementing End Date
Production Cement	Production Casing - 4-1/2", 10,348.3ftKB	2/17/2013 00:00	2/17/2013 06:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	10,349.0	408 sx cmt

Wellbores

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface Hole	12 1/4	14.0	445.0
Pilot Hole	8 3/4	445.0	6,000.0

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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 113950

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 113950
	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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 113950

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 113950
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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