Received by OCD: 2/25/2021 9:27:02 AM


Submit 1 Copy To Appropriate District 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

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-045-35439

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
VO9208

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

7. Lease Name or Unit Agreement Name
CHACO 2308 16I

8. Well Number
147H

2. Name of Operator
ENDURING RESOURCES IV LLC

9. OGRID Number
372286

3. Address of Operator
200 Energy Court Farmington NM 87401

10. Pool name or Wildcat
NAGEEZI GL/ BASIN MC

4. Well Location
Unit Letter__I__:__1491'____feet from the _S___ line and _248'___feet from the __E____line
Section 16 Township 23N Range 8W NMPM County SAN JUAN

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6858'

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 to repair the rod-pump completion. An updated schematic is attached.

Job Start: 10/06/2020
Job End: 10/08/2020
EOT: 5,257' MD
SN: 5,363' MD
TAC: 5,189' MD

NMOCD REC'D
10/16/20

Spud Date: 2/20/13

Rig Release Date:

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

SIGNATURE _____ TITLE_ Permitting Technician_____ DATE_10/16/2020_____

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

**For State Use Only**

APPROVED BY: Monica Kuehling TITLE Deputy Oil and Gas Inspector DATE 3/1/2021
Conditions of Approval (if any):

Released to Imaging: 5/19/2021 2:05:20 PM

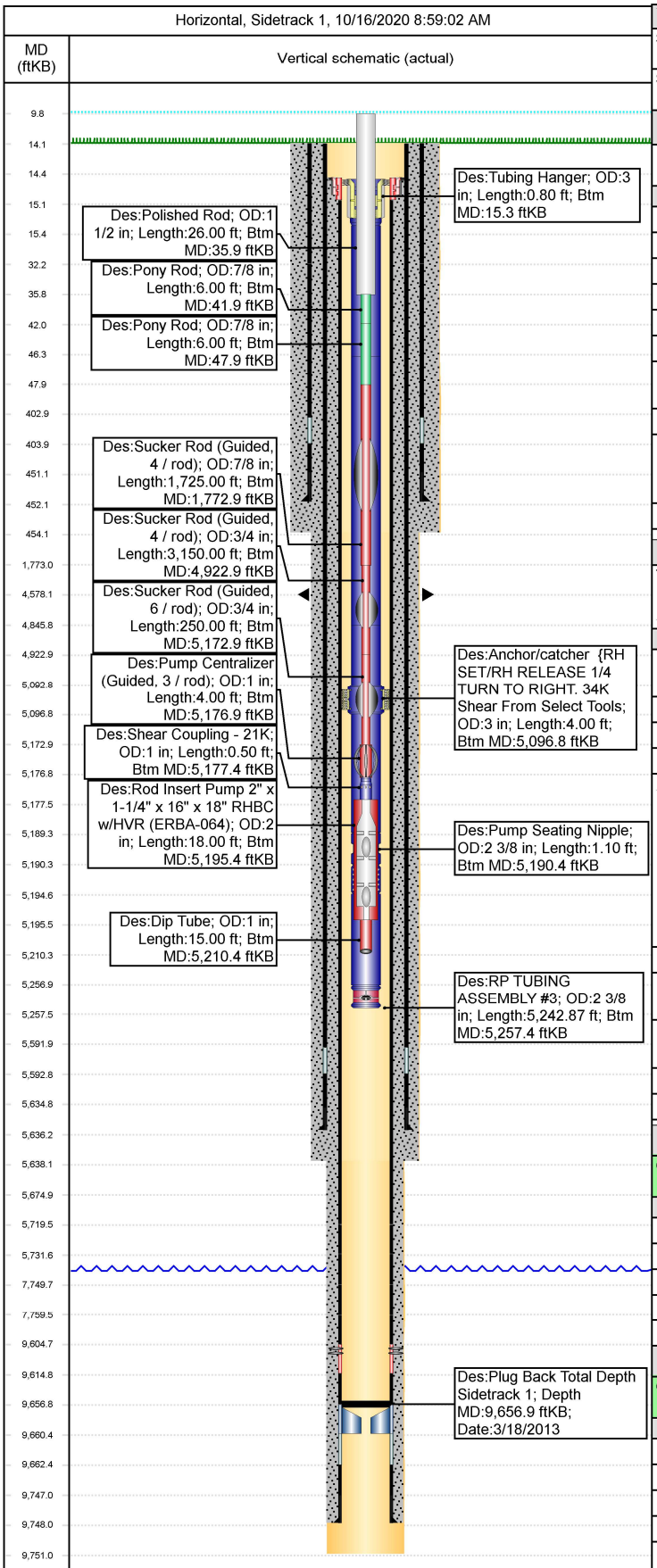
WellView

# Enduring Resources IV - Production WBD

NMOCD REC'D 10/16/20

**Well Name: CHACO 2308-16I 147H**

| API/UWI | Surface Legal Location | Field Name | License # | State/Province | Well Configuration Type |
|---|---|---|---|---|---|
| 30-045-35439 | (Unit I) NE/4, SE/3, Section 16, Twp 23N,... | CHACO | | NEW MEXICO | Horizontal |
| **Original KB Elevation (ft)** | **KB-Tubing Head Distance (ft)** | **Spud Date** | **Rig Release Date** | **PBTD (All) (ftKB)** | **Total Depth All (TVD) (ftKB)** |
| 6,872.01 | | 2/20/2013 04:30 | 3/18/2013 00:00 | Sidetrack 1 - 9,656.9 | |




## Wellbore Sections

| Section Description | Size (in) | Act Top (ft... | Act Top (T... | Act Btm (ft... | Act Btm (T... |
|---|---|---|---|---|---|
| Intermediate Hole | 8 3/4 | 4,578.0 | | 5,638.0 | |
| Production Hole | 6 1/4 | 5,638.0 | | 9,751.0 | 9,690.1 |

## Rod Strings

| Rod Description | Run Date | String Length (ft) | Set Depth (ftKB) |
|---|---|---|---|
| Rod | 10/8/2020 | 5,200.50 | 5,210.4 |

| Item Des | Jts | OD (in) | Len (ft) | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|---|
| Polished Rod | 1 | 1 1/2 | 26.00 | 9.9 | 35.9 |
| Pony Rod | 1 | 7/8 | 6.00 | 35.9 | 41.9 |
| Pony Rod | 1 | 7/8 | 6.00 | 41.9 | 47.9 |
| Sucker Rod (Guided, 4 / rod) | 69 | 7/8 | 1,725.00 | 47.9 | 1,772.9 |
| Sucker Rod (Guided, 4 / rod) | 126 | 3/4 | 3,150.00 | 1,772.9 | 4,922.9 |
| Sucker Rod (Guided, 6 / rod) | 10 | 3/4 | 250.00 | 4,922.9 | 5,172.9 |
| Pump Centralizer (Guided, 3 / rod) | 1 | 1 | 4.00 | 5,172.9 | 5,176.9 |
| Shear Coupling - 21K | 1 | 1 | 0.50 | 5,176.9 | 5,177.4 |
| Rod Insert Pump 2" x 1-1/4" x 16" x 18" RHBC w/HVR (ERBA-064) | 1 | 2 | 18.00 | 5,177.4 | 5,195.4 |
| Dip Tube | 1 | 1 | 15.00 | 5,195.4 | 5,210.4 |

## RP TUBING ASSEMBLY #3 set at 5,257.4ftKB on 1/29/2020 14:00

| Tubing Description | Run Date | String Length (ft) | Set Depth (ftKB) |
|---|---|---|---|
| RP TUBING ASSEMBLY #3 | 1/29/2020 | 5,242.87 | 5,257.4 |

| Item Des | Jts | Grade | Wt (lb/ft) | OD (in) | ID (in) | Len (ft) | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|---|---|---|---|
| Tubing Hanger | 1 | | | 3 | 1.99 | 0.80 | 14.5 | 15.3 |
| Tubing | 1 | J-55 | 4.70 | 2 3/8 | 2.00 | 31.05 | 15.3 | 46.4 |
| Tubing | 155 | J-55 | 4.70 | 2 3/8 | 2.00 | 4,799.39 | 46.4 | 4,845.8 |
| Tubing | 8 | L-80 | 4.70 | 2 3/8 | 1.87 | 247.03 | 4,845.8 | 5,092.8 |
| Anchor/catcher {RH SET/RH RELEASE 1/4 TURN TO RIGHT. 34K Shear From Select Tools | 1 | | | 3 | 2.44 | 4.00 | 5,092.8 | 5,096.8 |
| Tubing | 3 | J-55 | 4.70 | 2 3/8 | 2.00 | 92.48 | 5,096.8 | 5,189.3 |
| Pump Seating Nipple | 1 | | | 2 3/8 | 1.78 | 1.10 | 5,189.3 | 5,190.4 |
| Perforated Pup Joint | 1 | J-55 | 4.70 | 2 3/8 | 2.00 | 4.10 | 5,190.4 | 5,194.5 |
| Tubing | 2 | J-55 | 4.70 | 2 3/8 | 2.00 | 62.42 | 5,194.5 | 5,256.9 |
| Purge Valve | 1 | | | 2 3/8 | | 0.50 | 5,256.9 | 5,257.4 |

## Surface Casing, 452.0ftKB

| OD (in) | Wt/Len (lb/ft) | String Grade | Top Connection | Top (ftKB) | Set Depth (ftKB) |
|---|---|---|---|---|---|
| 9 5/8 | 36.00 | J-55 | | 14.0 | 452.0 |

| Item Des | Jts | Len (ft) | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|
| Casing Joints | 1 | 18.00 | 14.0 | 32.0 |
| Casing Joints | 8 | 371.00 | 32.0 | 403.0 |
| Float Collar | | 1.00 | 403.0 | 404.0 |
| Casing Joints | 1 | 47.00 | 404.0 | 451.0 |
| Guide Shoe | | 1.00 | 451.0 | 452.0 |

## Intermediate Casing, 5,636.0ftKB

| OD (in) | Wt/Len (lb/ft) | String Grade | Top Connection | Top (ftKB) | Set Depth (ftKB) |
|---|---|---|---|---|---|
| 7 | 23.00 | J-55 | | 14.0 | 5,636.0 |

| Item Des | Jts | Len (ft) | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|
| Casing Joints | | 5,578.00 | 14.0 | 5,592.0 |
| Float Collar | | 1.00 | 5,592.0 | 5,593.0 |
| Casing Joints | | 42.00 | 5,593.0 | 5,635.0 |
| Float Shoe | | 1.00 | 5,635.0 | 5,636.0 |

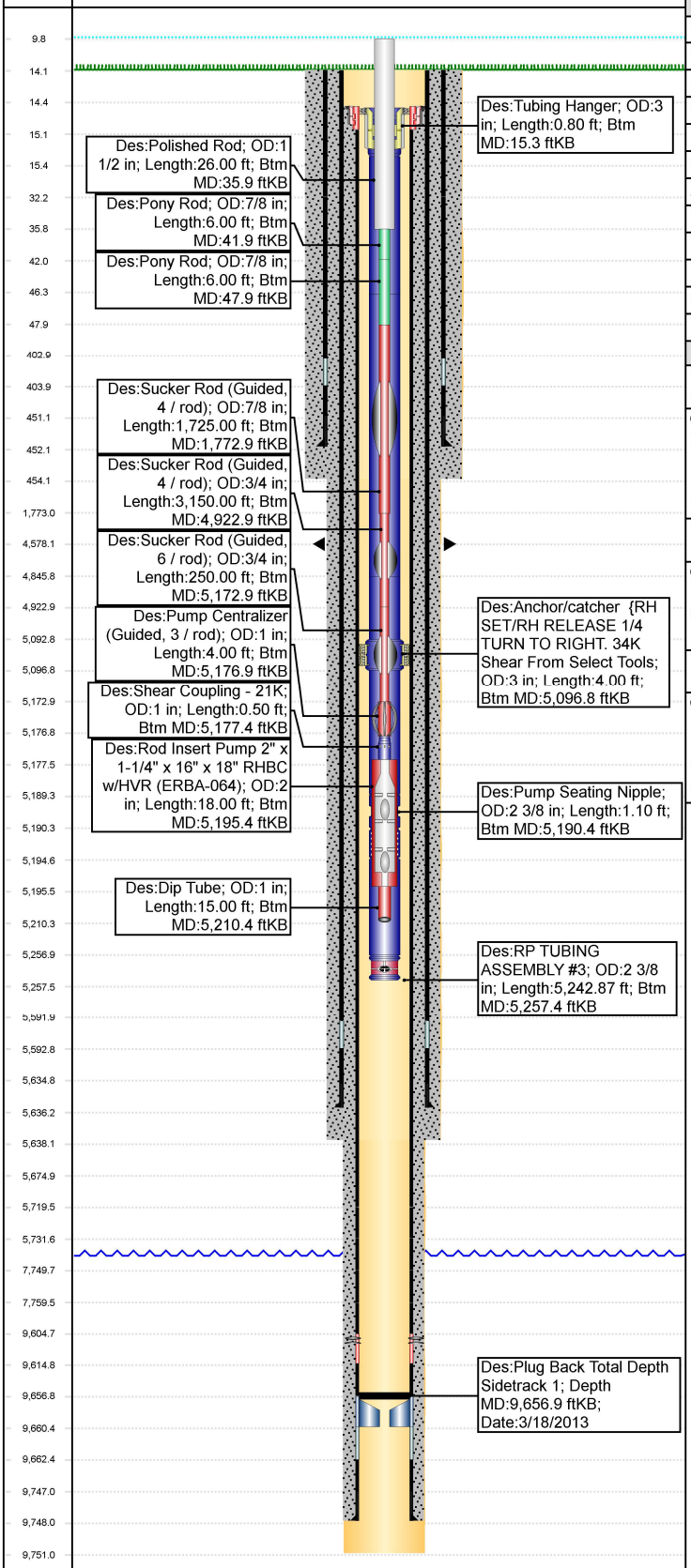
WellView

# Enduring Resources IV - Production WBD

## Well Name: CHACO 2308-16I 147H

| API/UWI | Surface Legal Location | Field Name | License # | State/Province | Well Configuration Type |
|---|---|---|---|---|---|
| 30-045-35439 | (Unit I) NE/4, SE/3, Section 16, Twp 23N,... | CHACO | | NEW MEXICO | Horizontal |
| **Original KB Elevation (ft)** | **KB-Tubing Head Distance (ft)** | **Spud Date** | **Rig Release Date** | **PBTD (All) (ftKB)** | **Total Depth All (TVD) (ftKB)** |
| 6,872.01 | | 2/20/2013 04:30 | 3/18/2013 00:00 | Sidetrack 1 - 9,656.9 | |

Horizontal, Sidetrack 1, 10/16/2020 8:59:06 AM




### Production Casing, 9,748.0ftKB

| OD (in) | Wt/Len (lb/ft) | String Grade | Top Connection | Top (ftKB) | Set Depth (ftKB) |
|---|---|---|---|---|---|
| 4 1/2 | 11.60 | N-80 | | 14.5 | 9,748.0 |

| Item Des | Jts | Len (ft) | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|
| Casing Hanger | | 0.50 | 14.5 | 15.0 |
| Casing Joints | 137 | 5,704.50 | 15.0 | 5,719.5 |
| Marker Joint | 1 | 12.00 | 5,719.5 | 5,731.5 |
| Casing Joints | 48 | 2,018.00 | 5,731.5 | 7,749.5 |
| Marker Joint | 1 | 10.00 | 7,749.5 | 7,759.5 |
| Casing Joints | 44 | 1,845.00 | 7,759.5 | 9,604.5 |
| Alpha Sleeve | 1 | 10.40 | 9,604.5 | 9,614.9 |
| Casing Joints | 1 | 42.00 | 9,614.9 | 9,656.9 |
| Landing Collar | | 3.50 | 9,656.9 | 9,660.4 |
| Float Collar | | 2.00 | 9,660.4 | 9,662.4 |
| Casing Joints | 2 | 84.59 | 9,662.4 | 9,747.0 |
| Float Shoe | | 1.00 | 9,747.0 | 9,748.0 |

### Cement

| Description | Cementing Start Date | Cementing End Date |
|---|---|---|
| Surface Cement | 2/21/2013 | 2/21/2013 |

Comment: 20 BBL FW SPACER, 240 SX, 281 CU FT,50 BBLS,[ 15.8 PPG, 1.17 YLD ] 28.5 BBL MIX WATER. DROP TOP PLUG & DISPLACE W/ 31 BBLS FW, BUMP PLUG TO 735# FLOAT HELD OK. P.D. @ 01:56 HRS 02/21/2013. CIRC 14 BBLS CMT BACK TO CATCH TANK.

| Description | Cementing Start Date | Cementing End Date |
|---|---|---|
| Intermediate Cement | 3/9/2013 | 3/9/2013 |

Comment: Pump Lead, pump Tail, drop plug & displace W/ FW.Shut backside in with 70 Bbl to displace, displacing @ 1 bpm, Pump 100sx Class G Cap & 4.5 Bbl FW, Final Backside Press @ 136#, Shut Backside In.

| Description | Cementing Start Date | Cementing End Date |
|---|---|---|
| Production Cement | 3/16/2013 | 3/16/2013 |

Comment: Foamed lead cmt, 50/50 poz standard. 60.8 bbls, 234 sks.
Tail cmt, 50/50 poz premium. 23.15 bbls / 100 sks.
Cap Cmt, premium 12.4 Bbl, 60 sx
SHUT WELL IN 4 HRS BEFORE ND BOPE.

**District I**
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**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

CONDITIONS

Action 18934

## CONDITIONS OF APPROVAL

| Operator: | | | OGRID: | Action Number: | Action Type: |
|---|---|---|---|---|---|
| ENDURING RESOURCES, LLC | 1050 17TH STREET, SUITE 2500 | DENVER, CO80265 | 372286 | 18934 | C-103R |

| OCD Reviewer | Condition |
|---|---|
| mkuehling | None |