

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

<p>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.)</p>		<p>WELL API NO. 30-045-35806</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator ENDURING RESOURCES IV LLC</p>		<p>6. State Oil & Gas Lease No. N0G13121856 NMNM135216A</p>
<p>3. Address of Operator 200 Energy Court Farmington NM 87402</p>		<p>7. Lease Name or Unit Agreement Name W LYBROOK UNIT</p>
<p>4. Well Location Unit Letter <u>F</u> : <u>1980'</u> feet from the <u>N</u> line and <u>2471'</u> feet from the <u>W</u> line Section <u>13</u> Township <u>23N</u> Range <u>9W</u> NMPM County <u>SAN JUAN</u></p>		<p>8. Well Number 751H</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.)</p>		<p>9. OGRID Number 372286</p>
<p>10. Pool name or Wildcat MANCOS</p>		

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

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/></p>		<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: INTER-WELL COMMUNICATION <input type="checkbox"/></p>	
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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 IV LLC. conducted stimulation activity on the following wells:

W LYBROOK UNIT 770H (30-045-35893) & W LYBROOK UNIT 771H (30-045-35894)

Attached: spreadsheet with affected wells due to stimulation activity and gas sample.

NMOC

MAR 03 2020

DISTRICT III

Spud Date: 3/1/17

Rig Release Date:

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

SIGNATURE [Signature] TITLE Permit Specialist DATE 3/2/20

Type or print name Lacey Granillo E-mail address: lgranillo@enduringresources.com PHONE: 505-636-9743

For State Use Only

APPROVED BY: [Signature] TITLE Dist III Geologist DATE 3/12/2020
Conditions of Approval (if any): AV

AFFECTED WELL NAME	STIMULATED WELL	OPERATOR	API	AFFECTED DATE	TYPE OF COMMUNICATION	COMMUNICATION VOLUME	HIGHEST PRESSURE OBSERVED	STANDARD OPERATING PRESSURE	RESULTS OF COMMUNICATION	RESULTS OF INVESTIGATION CONDUCTED
W LYBROOK UNIT 751H	W LYBROOK UNIT 770H/771H	ENDURING	3004535806	2/21/20	Increased water production, and decreased oil production	Water volume went from 4 bbls/day to 6 bbls/day. Oil production went from 220 bbls/day to 0 bbls/day	580	110	Decreased oil production, increased water production	TRY TO FLOW WELL
W LYBROOK UNIT 754H	W LYBROOK UNIT 770H/771H	ENDURING	3004535817	2/20/20	Increased water production, and decreased oil production, increased casing pressure	Water volume went from 35 bbls/day to 40 bbls/day. Oil production went from 180 bbls/day to 0 bbls/day. Casing pressure went from 390 PSI to 440 PSI	440	85	Decreased oil production, increased water production	TRY TO FLOW WELL
W LYBROOK UNIT 755H	W LYBROOK UNIT 770H/771H	ENDURING	3004535816	2/19/20	Increased tubing pressure	Tubing pressure is increasing. Tubing pressure went from 400 PSI to 600 PSI	95	405	Increased tubing pressure	SI
W LYBROOK UNIT 753H	W LYBROOK UNIT 770H/771H	ENDURING	3004535815	2/19/20	Increased water production, and decreased oil production	Water volume went from 18 bbls/day to 40 bbls/day. Oil production went from 210 bbls/day to 0 bbls/day	615	85	Decreased oil production, increased water production	TRY TO FLOW WELL
W LYBROOK UNIT 752H	W LYBROOK UNIT 770H/771H	ENDURING	3004535805	2/19/20	Increased water production, and decreased oil production	Water volume went from 25 bbls/day to 60 bbls/day. Oil production went from 135 bbls/day to 0 bbls/day	600	110	Decreased oil production, increased water production	TRY TO FLOW WELL
RODEO UNIT 508H	W LYBROOK UNIT 770H/771H	ENDURING	3004535869	2/18/20	Increased casing pressure, increased water production, and decreased oil production	Casing pressure went from 645 PSI to 965 PSI. Well was making 60 bbls. of water an hour. Oil production went from 275 bbls/day to 0 bbls/day	965	85	Decreased oil production, increased water production	SI