

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

Form C-103  
Revised July 18, 2013

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

DEC 26 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-41302 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Devon Energy Production Company, LP 405-228-7203		6. State Oil & Gas Lease No.
3. Address of Operator 333 West. Sheridan Avenue Oklahoma City, OK 73102-5015 405-228-7203		7. Lease Name or Unit Agreement Name Thistle Unit
4. Well Location Unit Letter <u>P</u> : <u>200</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>EAST</u> line Section <u>34</u> Township <u>23S</u> Range <u>33E</u> NMPM Lea County		8. Well Number 50H ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3633.2		9. OGRID Number 6137 ✓
		10. Pool name or Wildcat Triple X; Bone Spring

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: Change Casing ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
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.

Devon Energy Production Company, L.P. respectively requests to modify the production casing design for the Thistle Unit 50H to the following new casing design. The new design, adjusted cement volumes, and previous design are attached.

Thank you

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

SIGNATURE Trina C. Couch TITLE: Regulatory Associate DATE 12/22/2013

Type or print name: Trina C. Couch E-mail address: trina.couch@dvn.com PHONE: 405-228-7203

For State Use Only

APPROVED BY: [Signature] TITLE: Petroleum Engineer DATE DEC 30 2013  
Conditions of Approval (if any):

DEC 30 2013

Previous Casing Plan						
Hole Section	Setting Depth	Hole Size	Casing Size	Casing Wt	Casing Grade	Connection
Surface	1,325	17-1/2"	13-3/8"	48	H-40	ST&C
Intermediate	5,250	12-1/4"	9-5/8"	40	J-55	BT&C
Production	15,736	8-3/4"	5-1/2"	17	P-110	LT&C / BT&C
Production	10,450	8-3/4"	5-1/2"	17	P-110	LT&C / BT&C

New Casing Design						
Hole Section	Setting Depth	Hole Size	Casing Size	Casing Wt	Casing Grade	Connection
Surface	1,325	17-1/2"	13-3/8"	48	H-40	ST&C
Intermediate	5,250	12-1/4"	9-5/8"	40	J-55	BT&C
Production- <b>Tapered String</b>	10,756	8-3/4"	7"	26	P-110	LT&C / BT&C
Production	15,784	8-3/4"	5-1/2"	17	P-110	LT&C / BT&C

Adjusted Cement Design for New Casign Design						
String	Number of sx	Weight lbs/gal	Water Volume g/sx	Yield cf/sx	Stage; Lead/Tail	Slurry Description
7 x 5-1/2" Production Casing	330	11.9	12.89	2.26	Lead #1	(50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000 + 76.4% Fresh Water
	200	12.5	10.79	1.96	Lead #2	(65:35) Class H Cement: Poz (Fly Ash) + 6% BWOC Bentonite + 0.25% BWOC HR-601 + 0.125 lbs/sack Poly-E-Flake + 74.1 % Fresh Water
	1300	14.5	5.37	1.22	Tail	(50:50) Class H Cement: Poz (Fly Ash) + 1 lb/sk Sodium Chloride + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water