

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 August 1, 2011

WELL API NO. 30-025-40986
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name MONK 21 STATE COM
8. Well Number 1H
9. OGRID Number 6137
10. Pool name or Wildcat BERRY; BONE SPRING, SOUTH

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 PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator DEVON ENERGY PRODUCTION CO., L.P.	DEC 22 2014
3. Address of Operator 333 W. SHERIDAN AVE., OKLAHOMA CITY, OKLAHOMA 73101	RECEIVED
4. Well Location Unit Letter <u>D</u> : <u>330</u> feet from the <u>NORTH</u> line and <u>460</u> feet from the <u>WEST</u> line Section <u>21</u> Township <u>21S</u> Range <u>34E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3734.4'	

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: DRILLING OPERATIONS ☐

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 respectfully requests to add a contingency 7" x 5.5" production casing string and extend the 9-5/8" Intermediate casing set depth to 5,850' with a DV tool with the following design factors and cement proposal.

See attached revised casing/cement program.

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

SIGNATURE [Signature] TITLE Regulatory Specialist DATE 12/22/2014

Type or print name David H. Cook E-mail address: david.cook@dmn.com PHONE: (405) 552-7848
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 12/22/14
Conditions of Approval (if any):

DEC 22 2014

Garrett Glaze

Casing Sundry

9/13/2014

Devon Energy respectfully requests to add a contingency 7" x 5.5" production casing string and extend the 9-5/8" Intermediate casing set depth to 5,850' with a DV tool with the following design factors and cement proposal.

Casing (For Calculations)	Setting Depth (MD)	Setting Depth (TVD)	String Length	Max Mud Wt	Casing Properties			Design Factors		
					Collapse	Burst	Yield Strength	Collapse	Burst	Tension
13-3/8", 54.5#, J-55, BTC	54.5	1900	1,900	9.2	1,130	2,730	909,000	1.24	3.00	8.78
9-5/8", 40#, HCK-55, BTC	40	5850	5,850	10	4,230	3,950	926,000	1.39	1.30	3.96
7", 29#, HCP-110, BTC	29	10221	10,221	9.2	9,200	11,220	955,000	1.88	2.29	3.22
5-1/2", 17#, HCP-110, BTC	17	15223	10,909	9.2	8,580	10,640	568,000	1.64	2.04	6.68

Casing	# Sks	Wt. lb/gal	H ₂ O gal/sk	Yld ft ³ /sack	500# Comp. Strength (hours)	Slurry Description
Inter. Two Stage	460	12.9	9.81	1.85	15	Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake
	220	14.8	1.33	6.32	7	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
	DV Tool = 3800ft					
	810	12.9	9.81	1.85	15	Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake
	210	14.8	1.33	6.32	7	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
7 x 5.5" Combo Prod	340	10.4	16.8	3.17	25	Lead: Tuned Light® Cement + 0.125 lb/sk Pol-E-Flake
	1190	14.5	5.31	1.2	25	Tail: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite

DV tool depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
Intermediate Two Stage Option	1 st Stage = 3800' / 2 nd Stage = 0'	75%
7 x 5.5" Combo Prod.	5350'	25%