

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

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

WELL API NO. 30-015-40591
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 Agate PWU 21
8. Well Number 6H
9. OGRID Number 6137
10. Pool name or Wildcat Scanlon Draw; Bone Spring
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316.6'

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
Devon Energy Production Company, LP 405-228-7203

3. Address of Operator
333 West. Sheridan Avenue
Oklahoma City, OK 73102-5015 405-228-7203

4. Well Location
Unit Letter H : 2310 feet from the NORTH line and 245 feet from the EAST line
Section 20 Township 19S Range 29E NMPM Eddy County

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: ☒

SUBSEQUENT REPORT OF:

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

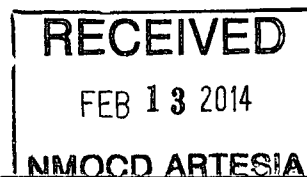
OTHER: ☐

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. respectfully requests to alter the casing design and intermediate setting depth for the subject well. Devon will run 36# J-55 9-5/8" LTC casing to 3,245' MD instead of the originally proposed 40# J-55 9-5/8" LTC casing to 3,300' MD. Devon also requests to run a tapered production string of 7" x 5.5" casing with the 7" down to a TVD of 6,403 ft. Casing design requirements are below as well as the new cement design for the production tapered string.

— Randy Dade has been notified of these adjustments and has given verbal approval on 2/11/14.

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 Analyst

DATE 2/12/2014

Type or print name: Trina C. Couch

E-mail address: trina.couch@dvn.com

PHONE: 405-228-7203

For State Use Only

APPROVED BY:

T.C. Shepard

TITLE

"Geologist"

DATE

2-13-2014

Conditions of Approval (if any):

						Casing Properties			Design Factors			Collapse	Burst	Tension
Casing (For Calculations)		Setting Depth (MD)	Setting Depth (TVD)	String Length	Max Mud Wt	Collapse	Burst	Yield Strength	Collapse	Burst	Tension	1.125	1	1.6
9-5/8", 36#, J-55, LTC	36	3300	3245	3,245	10	2,020	3,520	453,000	1.18	2.05	3.81	1,931	1,716	190,080
5-1/2", 17#, P-110, BTC	17	11927	6985	11,927	9	8,580	10,640	568,000	2.62	3.25	4.78	3,678	3,269	189,992
7", 26#, HCP-110, BTC	26	6403	6403	6,403	9	7,800	9,950	853,000	1.40	1.78	2.75	6,280	5,582	496,163

FLUID SPECIFICATIONS

Spacer

20.0 bbls Fresh Water @ 8.34 ppg

Spacer

40.0 bbls Sealbond @ 8.7 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
1st Lead Slurry	401	1 4.56	= 90 sacks (40:60) Poz (Fly Ash):Class C Cement + 0.125 lbs/sack Cello Flake + 0.5% bwoc FL-52 + 0.8% bwoc ASA-301 + 5% bwoc A-10 + 4% bwoc Sodium Metasilicate + 1% bwoc BA-10A + 0.005 gps FP-13L + 2.3% bwoc R-21 + 15 lbs/sack CSE- 2 + 4% bwoc MPA-5 + 5 lbs/sack Kol-Seal; bulk + 275.7% Fresh Water
Lead Slurry	274	1 2.01	= 140 sacks (35:65) Poz (Fly Ash):Class H Cement + 3% bwow Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.7% bwoc FL-52 + 0.3% bwoc ASA-301 + 6% bwoc Bentonite + 105.5% Fresh Water
Tail Slurry	1920	1 1.28	= 1505 sacks (50:50) Poz (Fly Ash):Class H Cement + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.4% bwoc FL-52 + 0.5% bwoc Sodium Metasilicate + 57.3% Fresh Water
Displacement			373.1 bbls Displacement Fluid

CEMENT PROPERTIES

	SLURRY NO.1	SLURRY NO.2	SLURRY NO.3
Slurry Weight (ppg)	10.50	12.50	14.20
Slurry Yield (cf/sack)	4.56	2.01	1.28
Amount of Mix Water (gps)	28.43	11.01	5.77
Amount of Mix Fluid (gps)	28.44	11.01	5.77
Estimated Pumping Time - 70:BC (HH:MM)	5:00	5:00	4:30
Free Water (mls) @ ° F @ 90° Angle		2.5	0.0
Fluid Loss (cc/30min) at 1000 psi and ° F		300.0	50.0

COMPRESSIVE STRENGTH

12 hrs @ 115° F (psi)	55		
24 hrs @ 115° F (psi)	135		
72 hrs @ 115° F (psi)	350		
12 hrs @ 144° F (psi)		300	600
24 hrs @ 144° F (psi)		650	1700
72 hrs @ 144° F (psi)		1100	2000