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.
30-015-42629

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
Burton Flat Deep Unit

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number
62H

2. Name of Operator
Devon Energy Production Company, LP 405-228-7203

9. OGRID Number
6137

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

10. Pool name or Wildcat
Avalon; Bone Spring, East

4. Well Location
Lot Number L : 1950 feet from the SOUTH line and 100 feet from the WEST line
Section 2 Township 21S Range 27E NMPM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3213' GL

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: Casing Change	☒			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 Co., L.P. respectfully requests to change the 13-3/8" J55 casing weight in the intermediate hole from 68# to 54.5#. Also, Devon respectfully requests the mud type used in the 12-1/4" hole through the Capitan formation be a 8.5-8.8 ppg Fresh Water system (originally it was approved as a brine system in the APD).

Please see revised drilling plan attached, thank you

NM OIL CONSERVATION
ARTESIA DISTRICT
APR 24 2015
RECEIVED

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 4/24/2015

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 Dist. Supervisor DATE 4/24/15

Conditions of Approval (if any):

DRILLING PROGRAM

Devon Energy Production Company, L.P./**Burton Flat Deep Unit/62H**

1. **Geologic Name of Surface Formation:** Quaternary

2. **Estimated Tops of Geological Markers & Depths of Anticipated FW, Oil, or Gas:**

a.	Fresh Water	50'	
b.	Rustler	47'	Barren
c.	Salado	234'	Barren
d.	Base of Salt	414'	Barren
e.	Tansil	469'	Barren
f.	Yates	579'	Barren
g.	Capitan	819'	Barren
h.	Capitan Base	2,604'	Barren
i.	Delaware	2,829'	Oil/Gas
j.	Lower Brushy Canyon	5,007'	Oil/Gas
k.	1st Bone Sping Lime	5,255'	Oil/Gas
l.	1st Bone Spring Sand	6,497'	Oil/Gas
m.	2nd Bone Spring Lime	6,724'	Oil/Gas
n.	2nd Bone Spring Sand	7,210'	Oil/Gas
o.	2BSSS UPPER TOP	7,214'	Oil/Gas
p.	2BSSS UPPER BASE	7,317'	Oil/Gas
q.	2BSSS MID TOP	7,342'	Oil/Gas
r.	2BSSS MID BASE	7,391'	Oil/Gas
s.	2BSSS LWR TOP	7467'	Oil/Gas
t.	2BSSS LWR BASE	7646'	Oil/Gas
u.	3rd Bone Spring Lime	7676'	Oil/Gas
v.	Pilot TD	8000'	
Total Depths		7665' TVD	12248' MD

3. Pressure Control Equipment:

A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the surface casing shoe. The BOP system used to drill the intermediate hole will be tested per BLM Onshore Oil and Gas Order 2.

A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the intermediate casing shoe. The BOP system used to drill the production hole will be tested per BLM Onshore Oil and Gas Order 2.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line); **if an H&P rig drills this well. Otherwise no flex line is needed**. The line will be kept as straight as possible with minimal turns.

Auxiliary Well Control and Monitoring Equipment:

a. A Kelly cock will be in the drill string at all times.
b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.

4. **Casing Program:**

Hole Size	Hole Interval	Casing OD	Casing Interval	Weight (lb/ft)	Collar	Grade	Collapse Design Factor	Burst Design Factor	Tension Design Factor
26"	0 - 200'	20"	0 - 200'	94	BTC	J-55	5.21	21.13	74.57
17-1/2"	200-775'	13-3/8"	0-775'	54.5	BTC	J/K-55	4.84	8.56	21.63
12-1/4"	775-2800'	9-5/8"	0-2800'	40	LTC	J-55	1.84	2.83	4.64
8-3/4"	2800-12248'	5-1/2"	2800-12248'	17	BTC	P-110	1.46	1.81	2.72

Casing Notes:

- All casing is new and API approved

Maximum Lateral TVD: 7665'
Pilot hole TD : 8000'

5. **Proposed mud Circulations System:**

Depth	Mud Weight	Viscosity	Fluid Loss	Type System
0-200'	8.4-9.0	30-34	N/C	FW
200-775'	10.0-10.2	28-32	N/C	Brine
775-2800	8.6-8.9	28-32	N/C	FW
2800-12248'	8.6-9.0	28-32	N/C	FW

The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed.

Notes:

- Cement volumes Surface 100%, Intermediate #1 100%, Intermediate #2 75% and Production Casings based on at least 25% excess. Pilot hole plug back includes 10% excess.
- Actual cement volumes will be adjusted based on fluid caliper and caliper log data.

6. Cementing Table:

String	Number of sx	Weight lbs/gal	Water Volume g/sx	Yield cf/sx	Stage; Lead/Tail	Slurry Description
20" Surface Casing	520	14.8	6.34	1.34	Tail	Class C Cement + 1% Calcium Chloride + 64.2% Fresh Water
13-3/8" 1st Intermediate Casing	780	14.8	6.34	1.33	Tail	Class C Cement + 1% Calcium Chloride + 64.2% Fresh Water
9-5/8" 2nd Intermediate	450	12.9	9.82	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	430	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
9-5/8" 2nd Intermediate Casing Two Stage	440	12.9	9.82	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	220	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
	DV Tool at 825ft					
	60	12.9	9.82	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	140	14.8	6.32	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
Pilot Hole Plugback 6889-8000 ft	430	15.6	5.42	1.19	Tail	Class H + 0.5% BWOC HR-601 + 0.2% Halad-9
5-1/2" Production Casing	490	10.4	3.13	16.8	Lead	Tuned Light Cement® + 0.125 lb/sk + 71.7% Fresh Water
5-1/2" Production Casing	1390	14.5	5.32	1.21	Tail	(50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.25% bwoc CFR-3 + 0.2% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water

TOC for all Strings:

20" Surface Casing 0ft

13-3/8" 1st Intermediate Casing 0ft

9-5/8" Intermediate	0ft
9-5/8" 2nd Intermediate Casing Two Stage Option	1st Stage = 825ft 2nd Stage = 0ft
Pilot TOC	6889ft
5-1/2" Production Casing	2300ft