

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101

May 27, 2004

Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Devon Energy Production Company, LP 20 North Broadway, Oklahoma City, Oklahoma 73102-8260		OGRID Number 6137
Property Code		API Number 30 - 015-22307
Property Name Bogle State Com		Well No. 1
Proposed Pool 1 Wolfcamp		Proposed Pool 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	2	16S	27E		2560	North	660	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

Work Type Code P	Well Type Code G	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation 3578'
Multiple	Proposed Depth 8780'	Formation Upper Penn	Contractor	Spud Date 10/22/77
Depth to Groundwater 100 feet or more		Distance from nearest fresh water well Not in wellhead protection area		Distance from nearest surface water Approximately 500'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls		Drilling Method:		
Closed-Loop System <input type="checkbox"/>		Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. MIRU. Load casing and test to 500 psi.
2. MIRU completion rig. ND tree, NU BOP. POOH with tubing and packer.
3. RIH and set CIBP at +/- 7900' with 35' cement dumped on top.
4. RIH with casing guns and perforate Wolfcamp from 6,512 - 6,516' (4 SPF)
5. POOH with guns. RIH with packer and set at +/- 6,450'. Swab test.
6. If necessary, Acidize Wolfcamp per recommendation. Flow/Swab back
7. Turn well to production

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐, a general permit ☒, or an (attached) alternative OGD-approved plan ☐.

Printed name: Norvella Adams

Title: Sr. Staff Eng. Tech

E-mail Address: norvella.adams@dvn.com

Date: September 14, 2006

Phone: (405) 552-8198

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

OCT 16 2006

Expiration Date:

OCT 10 2007

Conditions of Approval Attached ☐

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: BOGLE STATE COM 1		Field: DIAMOND MOUND	
Location: 2560' FNL & 660' FEL; SEC 2-T16S-R27E		County: EDDY	State: NM
Elevation: 3590' RKB; 3578' GL		Spud Date: 10/22/77	Compl Date: 12/8/77
API#: 30-015-22307	Prepared by: Ronnie Slack	Date: 8/29/06	Rev:

CURRENT SCHEMAT

17-1/2" hole

13-3/8", 72#, H40, YB BT&C, @ 345'

Cmt'd w/350 Sx + 4 yds redi-mix to surface

11" Hole

8-5/8", 24#, K55, ST&C, @ 1632'

Cmt'd w/675 Sx. TOC @ 130' (temp survey)

Perfed 3 sqz holes @ 6490'. Sqzd 1250 sx cement to surface--(2/14/81)

TOC @ 6540' (cbl)

PENN (6/22/02)

7926' - 7932' 4 SPF

7994' - 8003' 4 SPF

6/24/02: acidized w/1500 gals 15% HCl

MORROW (ATOKA) (12/5/77)

8438 - 8446

8578 - 8583

8600 - 8602

7-7/8" Hole

4-1/2", 11.6#, K55, LTC, 0 - 1571'

4-1/2", 10.5#, K55, STC, 1571' - 6164'

4-1/2", 11.6#, K55, LTC, 6164' - 8780'

Cmt'd w/730 Sx

1/80: Casing inspection log indicated possible holes from 4988-4998' and pitting from 4766-5088'. 3 sqz holes shot at 6490' and 1250 sx cement squeezed up 4-1/2" annulus to surface.



249 Jts: 2-3/8", 4.7#, J55, Production Tubing (6/22/02)

T2 on/off tool w/1.875 F profile

Arrowset Packer @ 7886' (6/22/02)

2-3/8" x 6' pup jt

w/1 re-entry guide. EOT @ 7900'

35' Cement. PBTD @ 8365'

CIBP @ 8400' (6/21/02)

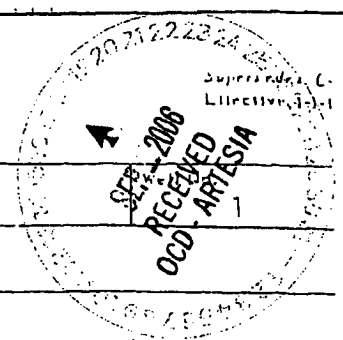
PBTD @ 8714'

8780' TD

WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the section

Operator Devon Energy Production Company, LP			Lease Bogle State Com		
Unit Letter H	Section 2	Township 16 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 2560 feet from the North line and 660 feet from the East line					
Ground Level Elev. 3578.2	Producing Formation Wolfcamp		Pool Undesignated		Dedicated Acreage: 273.18 Acres

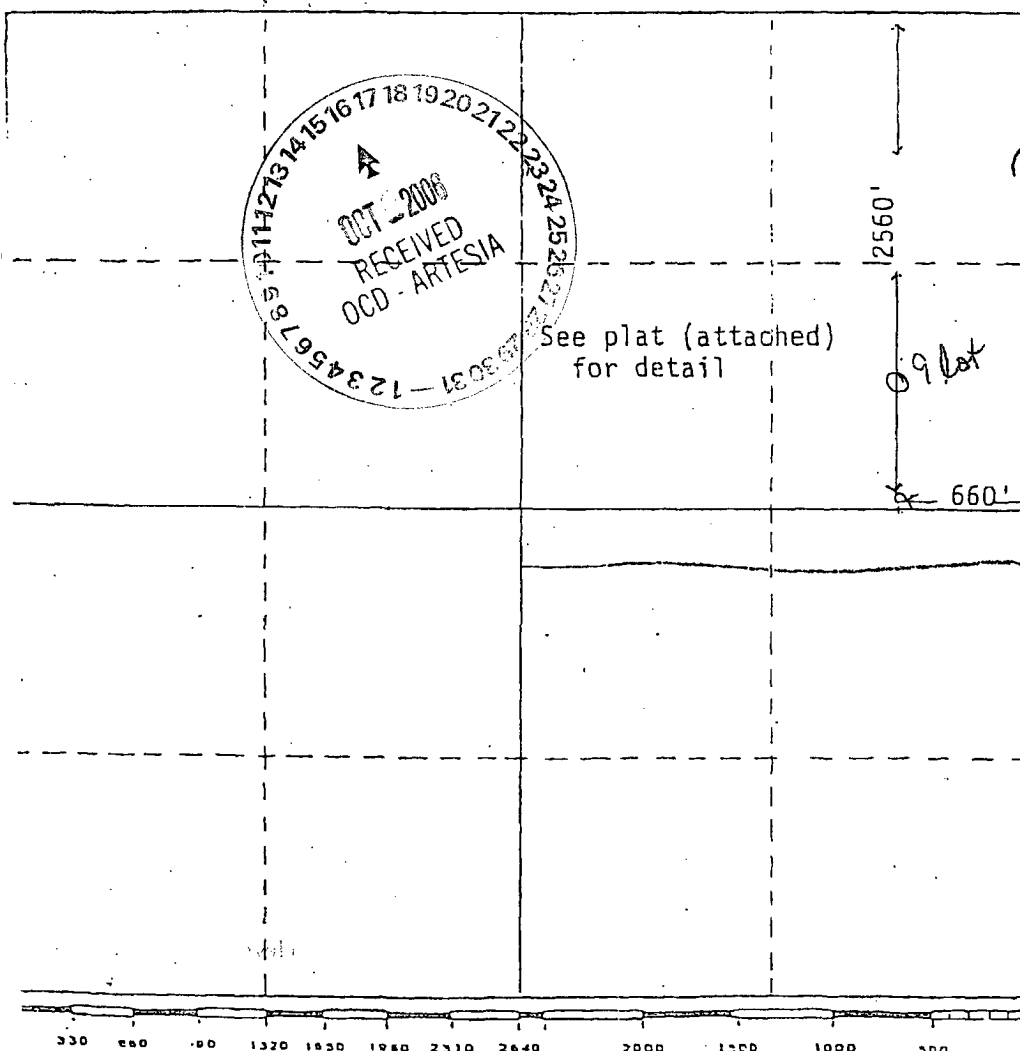


1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation unitizations & communitization (being) process

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Norvella Adams

Name
Norvella Adams
Position
Sr. Staff Eng. Technician
Company
Devon Energy Production Co, LP

Date
September 18, 2006

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.