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.
30-015-41239

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
Nermal 4 State

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

8. Well Number
1H

2. Name of Operator
Devon Energy Production Company, L.P.

9. OGRID Number
6137

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

10. Pool name or Wildcat
Willow Lake; Bone Spring

4. Well Location
Unit Letter _C_:_207_ feet from the _North_ line and _1980_ feet from the _West_ line
Section 4 Township 25S Range 28E NMPM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3007'

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 ☐			
OTHER: Bradenhead Squeeze ☒		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 the following changes to be made per discussion between Randy Dade and Dan McCorkel:
The TOC is currently estimated to be ~3500', by a radial cement bond log. Devon respectfully requests to continue with completion operations prior to performing a bradenhead squeeze to bring this well back into spec. The desired TOC would be at least 2020' (500' of cement above the intermediate casing shoe). Due to the close proximity of the required cement top I have forgone pumping a tracer survey. Current plans are to establish an injection rate and pressure down the backside. The proposed cement slurry is below. The procedure would be to pump the slurry, shut the well in, and shut down for 48 hours. After that time run a CBL under 1000 psi, and another at 0 psi to confirm new TOC and bring the well back into spec.

250 sacks Class C, 11.4 ppg, 2.87 yield, 17.69 gps
Max Pump Pressure: 1000 psi

Attachments: WBD

RECEIVED
JUL 03 2013
NMOCD ARTESIA

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: 7/1/2013

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

For State Use Only

APPROVED BY: R Dade TITLE Dist Supervisor DATE 7/3/2013

Conditions of Approval (if any):

devon	OPERATOR: DEVON ENERGY	LEASE / WELL: **Nermal 4 State 1H**	Section, Township, Range: Sec 4 - T25S-R28E	WELL SKETCH: PROPOSED COMPLETION
	DRILLING RIG: McVay 6 COMPLETION RIG:	COUNTY / STATE: Eddy , NM	SURFACE LOCATION: 207 FNL & 1980 FWL	FIELD: Paduca Field

DIRECTIONAL DATA	
KOP:	7450
MAX DEV:	
DEV @ PERFS:	
DEV @ PERFS:	PLEASE SEE DETAILS
DEV @ PERFS:	

DRILLING / COMPLETION FLUID		
DRILLING FLUID:	ppg -	
DRILLING FLUID:	ppg -	
DRILLING FLUID:	- ppg -	
COMPLETION FLUID:	- ppg -	
PACKER FLUID:	ppg -	

TUBULAR DATA

Tubulars	Size	Weight	Grade	Thread	TVD	MD
DRIVE PIPE						
CONDUCTOR	20"	133.0	J-55	Welded	138	138
SURFACE	13-3/8"	48.0	H-40	ST&C	200	200
INTERMEDIATE	9-5/8"	40.0	J-55	LTC	2,520	2,520
PRODUCTION	5-1/2"	17.00	P-110	TC & BT	8,105	12,606
PRODUCTION LINER						
TUBING						

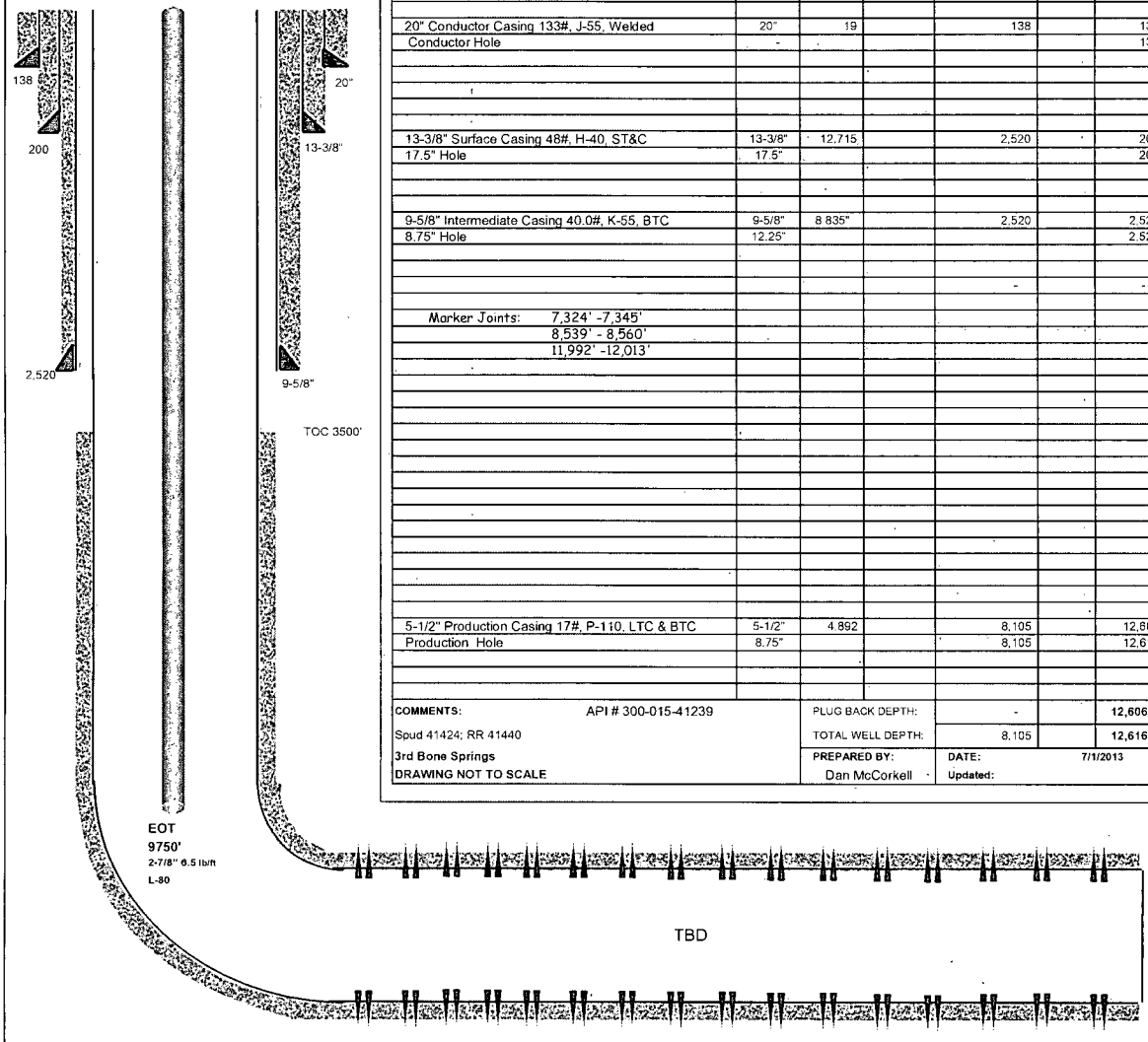
CEMENTING DATA: SURFACE: 13-3/8" Tail cmt'd with 205 sx, 14.8 ppg, 1.35 cu ft/sx, cmt to surface; INTERMEDIATE: 9-5/8" Lead cmt with 555 sx, 12.7 ppg, 1.94 cu ft/sx,Class C Tail cmt with 220 sx, 14.8 ppg, 1.33 cu ft/sx, circulate to surface. PROD: 5-1/2"1st Stage: Lead cmt with 465 sx, 2.53 cu ft/sx, 11.8 ppg, H; Lead 2: 390 sx: 12.5 ppg, 1.95 yld, Tail cmt with 1585 sx, 1.22 cu ft/sx, 14.5 ppg H. Lost returns at 170 bbl of displacement.

WELLHEAD DATA

TYPE	
WP	
TREE CAP	FLANGE:
	THREAD:
TUBING HANGER:	
BTM FLANGE:	
BPV PROFILE:	

ELEVATIONS:		GROUND ELEVATION
RKB:	18	
RKB-ELEV:	3,025	3,007

PROPOSED WELLBORE SKETCH



EQUIPMENT DESCRIPTION	O D	I D	LENGTH	DEPTH TVD	INCL DEG	DEPTH MD
20" Conductor Casing 133#, J-55, Welded	20"	19		138		138
Conductor Hole	-					138
13-3/8" Surface Casing 48#, H-40, ST&C	13-3/8"	12.715		2,520		200
17.5" Hole	17.5"					200
9-5/8" Intermediate Casing 40.0#, K-55, BTC	9-5/8"	8.835"		2,520		2,520
8.75" Hole	12.25"					2,520
Marker Joints: 7,324' -7,345'				-		-
8,539' - 8,560'						
11,992' -12,013'						
5-1/2" Production Casing 17#, P-110, LTC & BTC	5-1/2"	4.892		8,105		12,606
Production Hole	8.75"			8,105		12,616

COMMENTS:	API # 300-015-41239	PLUG BACK DEPTH:	-		12,606
Spud 41424; RR 41440		TOTAL WELL DEPTH:	8,105		12,616
3rd Bone Springs		PREPARED BY: Dan McCorkell	DATE: 7/1/2013		
DRAWING NOT TO SCALE			Updated:		

*** All clusters @ 60°, 0.42 EHD**