

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBSOCD
DEC 15 2014

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM92781
2. Name of Operator DEVON ENERGY PRODUCTION CO		6. If Indian, Allottee or Tribe Name
Contact: DAVID H COOK Email: david.cook@dvn.com		7. If Unit or CA/Agreement, Name and/or No. NMNM94480X
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-7848	8. Well Name and No. GAUCHO UNIT 12H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T22S R34E NENE 275FNL 575FEL 32.384032 N Lat, 103.485407 W Lon		9. API Well No. 30-025-41564-00-X1
		10. Field and Pool, or Exploratory WC-025 G06 S223421L
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Co., LP respectfully requests approval to change the design of the intermediate and production casing as follows:

- Change collar/grade from BTC, HCK-55 to LTC, J-55 on the intermediate casing.
- Change hole interval on production to 5,150' - 14,859', and from a mixed collar/grade to a single collar/grade of BTC, HCP-110.

See attached revised casing program/design factors.

*Sundry EC# 248576 still stand.
Keep intermediate casing fluid filled*

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #284304 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER MASON on 12/11/2014 (15JAM0037SE)**

Name (Printed/Typed) DAVID H COOK	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 12/07/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

APPROVED
DEC 11 2014
JENNIFER MASON
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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Drilling Program / Surface Use Plan

Gaicho Unit 12H

KKS revised SHL, updated production casing depth.

1. **Casing and Cementing Plan Summary**

The surface fresh water sands will be protected by setting 13-3/8" casing at 1,750' and circulating cement back to surface. The fresh water sands will be protected by setting 9-5/8" casing at 5,150' and circulating cement to surface. The Delaware intervals will be isolated by setting 5-1/2" casing to total depth and circulating cement above the base of the 9-5/8" casing. All casing is new and API approved.

2. **Casing Program:**

Hole Size	Hole Interval	Casing OD	Casing Interval	Weight	Collar	Grade
17-1/2"	0' - 1,750'	13-3/8"	0' - 1,750'	54.5#	STC	J-55
12-1/4"	1,750' - 5,150'	9-5/8"	0' - 5,150'	40#	BTC	HCK-55
12-1/4"	1,750' - 5,150'	9-5/8"	0' - 5,150'	40#	LTC	J55
8-3/4"	5,150' - 9,750'	5-1/2"	0' - 9,750'	17#	LTC	HCP-110
8-3/4"	5,150' - 14,859'	5-1/2"	0' - 14,859'	17#	BTC	HCP-110

3. **Design Factors:**

Casing Size	Collapse Design Factor	Burst Design Factor	Tension Design Factor
13-3/8"	1.38	3.33	9.53
9-5/8"	1.39	1.47	2.26
5-1/2" LTC	1.84	2.28	2.68
5-1/2" BTC	1.75	2.17	2.15