Hew Mexico Off Conservation Division, District I

1625 N. French Drive

Form 3160²5

Form 3160²⁵ UNITED STATES HOODS, NM 88246 (September 2001) APR 20 ZUU9 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135

Expires January 31, 2004

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HOBB28MBRY NO	5. Lease Serial No					
Do not use the	NMNM015807					
abandoned well.	Use Form 3160-3 (APD) fo	or such proposals.		6. If Indian, Allottee or Tri	be Name	
SUBMIT IN TRIPLIC	7. If Unit or CA/Agreement, Name and/or No.					
1. Type of Well	Cactus QN Ut					
X Oil Well Gas	8. Well Name and No					
2. Name of Operator	Cactus QN Ut #2					
Yates Drilling Company	9. API Well No.					
3a. Address	3b. Phone No. (include area code)		30-005	-20997 /		
105 S. 4th Str., Artesia, NM 88	505-748-8663		10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T, R., M., OF	SE Chaves QN Gas Area Assoc					
	11. County or Parish, State					
1650' FSL & 2310' FEL Section 27-12S-31E				Chaves Co., NM		
12. CHECK APPROPRI	ATE BOX(ES) TO I	NDICATE NATURE OF 1	NOTICE, REP	ORT, OR OTHER I	DATA	
TYPE OF SUBMISSION		TYPE				
	Acidize	Deepen	Production (Start/Resume)	Water Shut-Off	
X Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity	
	Casing Repair	New Construction	Recomplete	Recomplete Other		
Subsequent Report	Change Plans	X Plug and Abandon	Temporarily	emporanty Abandon		
Final Abandonment Notice			Plug Back Water Dispo			
13 Describe Proposed of Completed Operation (clearly If the proposal is to deepen directionally or recompl Attach the Bond under which the work will be per following completion of the involved operations. If testing has been completed Final Abandonment	ete horizontally, give subsurface formed or provide the Bond No the operation results in a multip	locations and measured and true vertice on file with BLM/BIA Required subsettle le completion or recompletion in a new	al depths of all pertino quent reports shall be interval, a Form 3160	ent markers and zones e filed withın 30 days 0-4 shall be filed once		

determined that the site is ready for final inspection)

See Attachment.

14. I hereby certify that the foregoing is true and correct				
Name (Printed/Typed)				
Karen J. Leishman		Operations Tech		
Signature Karen Q Laishman	Date	4/8/2009		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
Approved by /S/ DAVID R. GLASS	EUH,	TITIPETROLEUM ENGINEER Date APR 1 1 2009		
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject le which would entitle the applicant to conduct operations thereon.	Office SEE ATTACHED FOR			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willbully to make to any department or agency of the

Yates Drilling Company Cactus Queen Unit #2 Unit J, Section 27-12S-31E Chaves County, NM 30-005-20997 Sundry attachment April 8, 2009

- Set CIBP @ 2,950', mix and circulate 10# mud inside 5 1/2" casing to surface
- Spot 25 sxs Class "C" cement plug on top of CIBP

Perforate 5 1/2" casing @ 1400'. TOS

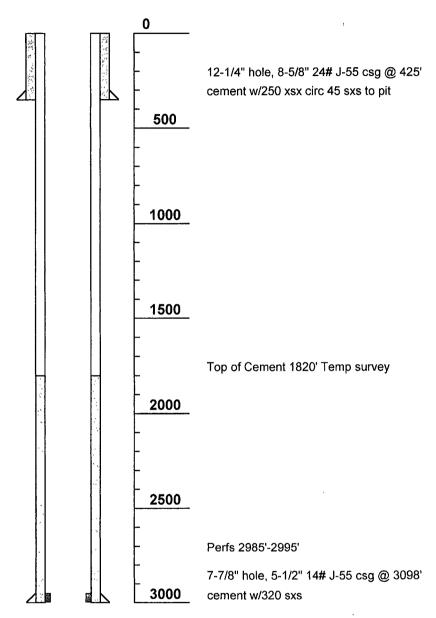
- Set packer @ 1,350°. Mix and circulate 10# mud out 5 1/2" annulus
- Set cement retainer @ 1,350'. Pump Class "C" cement out of 5 ½" annulus to surface +5 sx. cmt. on top of CICR.

 Spot Class "C" cement plug in 5 ½" casing from 480' to surface
- 6.
- Erect dry hole marker, remove equipment and clean location. 7.

* 25 sx. cnt. @ 2150', BOS.

CACTUS QUEEN UNIT #2

(Garner Federal #9) Sec 27, T12S-R31E CHAVES CO., NM 30-005-20997



TD 3100' PBTD 3096'

Perfs 2985'-2995' Queen

Formation Tops 1415' Rustler Top of Salt 2106' Base of Salt 2224' Yates 2351' 7-Rivers 2962' Top of Queen

BUREAU OF LAND MANAGEMENT

Roswell Field Office 2909 West Second Street Roswell, New Mexico 88201 (575) 627-0272

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

- 1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon. If you are unable to plug the well by the 90th day provide the BLM Roswell Field Office, prior to the 90th day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action.
- 2. <u>Notification:</u> Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours call (575) 627-0205 or after office hours call (575) 910-6024. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.
- 3. <u>Blowout Preventers:</u> A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement:</u> Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

- 6. <u>Dry Hole Marker:</u> All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.