

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.

5. Lease Serial No.
NMNM-007724

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Apache Corporation (873)

3a. Address
303 Veterans Airpark Ln., Ste 3000
Midland, TX 79705

3b. Phone No. (include area code)
(432) 818-1015

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Boquillas 18 Federal #1 (39216)

9. API Well No.
30-015-40266

10. Field and Pool or Exploratory Area
Loco Hills; Glorieta-Yeso (96718)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FNL & 330' FEL, ULH Sec. 18 T. 16S R. 30E

11. County or Parish, State
Eddy County, NM

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

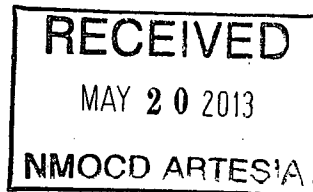
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Wade 5/24/13
Accepted for record
NMOCD

**SUBJECT TO LIKE
APPROVAL BY STATE**

Apache is requesting permission to plug back the Paddock & Blinbry and recompleat the San Andres in the Henshaw; QU-GB-SA (30620) per the attached procedure.



**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Fatima Vasquez

Title Regulatory Tech I

Signature

Date 03/26/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

Approved by

Title

Office

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.

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.

(Instructions on page 2)

APACHE CORPORATION

3/19/13

Boquillas 18 #1

30-015-40266

COMPLETION PROCEDURE

Relative Data:

Casing: 5 1/2", 17 lb/ft, J-55

ID = 4.892"

Drift = 4.767"

Capacity = 0.02324 BBL/ft

Burst = 5320 psi; 80% = 4256 psi

Tubing: 2-7/8", 6.5 lb/ft, J-55, 8rd, EUE

Capacity = 0.005794 bbl/ft

Burst = 7260 psi; 80% = 5808 psi

Collapse 7680 psi; 80% = 6144 psi

Yield 99,660 lbs; 80% = 79,728 lbs

5 1/2" x 2 7/8" Annular capacity 0.0152 BBL/ft KB = 14 ft (AGL) PBTD = x,xxx' KB TD = 5,541' KB

1. MIRU. Pull production equipment. Set CIBP at 4270' with 30' of cement. TIH with tubing. Load & test CIBP and casing to 1000 psig. Spot 900 gallons 10% Acetic @ 3350'. TOH. Perforate the San Andres per log analysis 3281, 87, 92, 97, 3304, 12, 16, 21, 28, 36 & 40'. (2 JSPF) (22 holes) using a charge that generates a .37" - .42" diameter hole with a min. 21" penetration. RD wireline. RD WL.
2. RU wellhead tree saver & multi-stg frac tool for fracture stimulating. Acidize W/3500 gals of 15% NEFE HCl W/additives using 50 balls to divert evenly spaced throughout job at max rate but not exceeding 3000 psi surface pressure. Surge balls off perfs and allow to fall to bottom.
3. Frac the San Andres dn csg according to vendor recommended procedure (tag frac following same procedure used on Washington State - 2 isotopes).
4. Flow back well until dead. RU reverse unit & swivel.
5. TIH W/4 3/4" bit, bit sub, XO, 6 - 3" DCs, XO, & 2 7/8" tbg to top of fill. CO well to PBTD. Reverse circ clean. TOH & LD DCs & bit. Run RA Survey for tag.
6. Hydrotest in hole with W/tbg for production as specified by the Artesia office. TIH W/pump & rods as specified by the Artesia office.
7. Place well into production and on test for 2 months.

Apache Corp.

Proposed

GROUP: Permian North
FIELD: Wildcat
LEASE/UNIT: Boquillas 18 Federal
COUNTY: Eddy
API NUMBER: 30-015-40266

DATE: Mar. 12, 2013
BY: SNH
WELL: #1
STATE: New Mexico

Spud: 8/27/12

Rig Release: 9/8/12

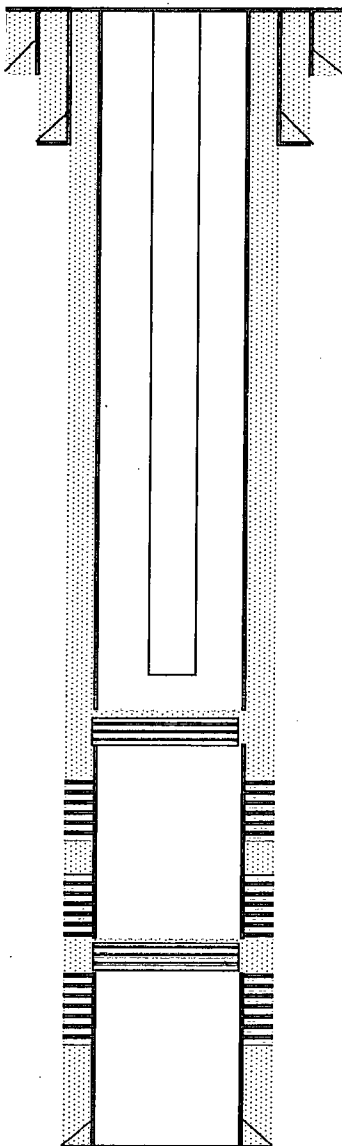
KB = 12'

GL = 3767'

17-1/2"

11"

7-7/8"



13-3/8" 48# J-55 Set @ 421'
CMT W/ 430 SXS (CIRC/SURF)

8-5/8" 32# J-55 Set @ 2800'
CMT W/ 940 SXS (CIRC/SURF)

2-7/8" TUBING @ 3500'

SAN ANDRES
3281'-3340' (2 JSPF, 22 holes)

Set CIBP @ 4270' w/30' cmt

PADDOCK (10/19/12)
4300'-4420' (1 JSPF, 32 holes)

MIDDLE BLINEBRY (9/21/12)
4575'-4805'
9/21/12: Set CIBP @ 4814' w/5' CMT
LWR BLINEBRY (9/17/12)
4820'-5300' (1 JSPF, 32 holes)

5-1/2" 17# J-55 Set @ 5541'
CMT W/ 650 SXS(CIRC/SURF)

TD = 5541'

PBTD = 5494'

Apache Corp.**Current**

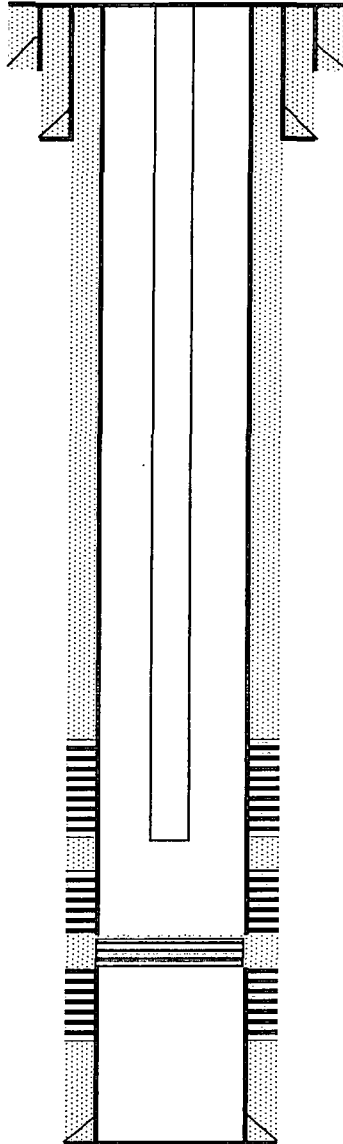
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COUNTY: Eddy
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2-7/8" TUBING @ 4484'

PADDock (10/19/12)
4300'-4420' (1 JSPF, 32 holes)

MIDDLE BLINERY (9/21/12)
4575'-4805'
9/21/12: Set CIBP @ 4814' w/5' CMT
LWR BLINERY (9/17/12)
4820'-5300' (1 JSPF, 32 holes)

5-1/2" 17# J-55 Set @ 5541'
CMT W/ 650 SXS (CIRC/SURF)

TD = 5541'
PBTD = 5494'

**Boquillas 18 Federal 1H
30-015-40266
Apache Corporation
May 16, 2013
Conditions of Approval**

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

Work to be completed by August 16, 2013.

- 1. The operator shall place CIBP at 4250'. Place 142' of neat class C cement on top to seal off the Glorieta Formation. Tag required.**
- 2. Must conduct a casing integrity test before any work can be done. Submit results to BLM. The CIT is to be performed on the production casing per Onshore Oil and Gas Order 2.III.B.1.h. Make arrangements 24 hours before the test for BLM to witness. E-mail Paul R. Swartz pswartz@blm.gov or phone 575-200-7902, if there is no response, 575-361-2822. If no answer, leave a voice mail or email with the API#, workover purpose, and a call back phone number. Note the contact, time, & date in your subsequent report.**
- 3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 4. Surface disturbance beyond the originally approved pad must have prior approval.**
- 5. Closed loop system required.**
- 6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.**
- 7. Operator to have H2S monitoring equipment on location.**
- 8. A minimum of a 3000 (3M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.**

- 9.. **Subsequent sundry required detailing work done and completion report for the new formation. Operator to include well bore schematic of current well condition when work is complete.**

JAM 051613