

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

Carlsbad Field Office
OCD Hobbs
HOBBS OCD

5. Lease Serial No. **NM 0060325**
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. THUNDERBIRD A 5H ✓	
2. Name of Operator APACHE CORPORATION /		Contact: SORINA FLORES E-Mail: sorina.flores@apachecorp.com	9. API Well No. ✓ 30-015-44436-00-X1
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		3b. Phone No. (include area code) Ph: 432.818.1167	10. Field and Pool or Exploratory Area LOCO HILLS-GLORIETA-YESO
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T16S R30E SWNE 2315FNL 1955FEL ✓ 32.878929 N Lat, 103.974731 W Lon		11. County or Parish, State EDDY COUNTY, NM ✓	

FEB 15 2018
RECEIVED

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"/> Hydraulic Fracturing	<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 A PD
	<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 must 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 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.

BLM-CO-1463 NATIONWIDE NMB-000736

APACHE RESPECTFULLY REQUEST A VARIANCE TO USE A FLEXIBLE HOSE BETWEEN BOP & CHOKE MANIFOLD. SEE ATTACHMENT FOR ADDITIONAL INFORMATION.

Manufacturer: continental
Length: 35'
Inside Diameter: 3"
WP Rating: 10,000psi
TP Rating: 15,000psi

SC 2-28-18
Accepted for record - NMOCD

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

**Electronic Submission #392151 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 11/09/2017 (18PP0216SE)**

Name (Printed/Typed) SORINA FLORES	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 10/17/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>MUSTAFA HAQUE</u>	Title PETROLEUM ENGINEER	Date 02/08/2018
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 Carlsbad

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)

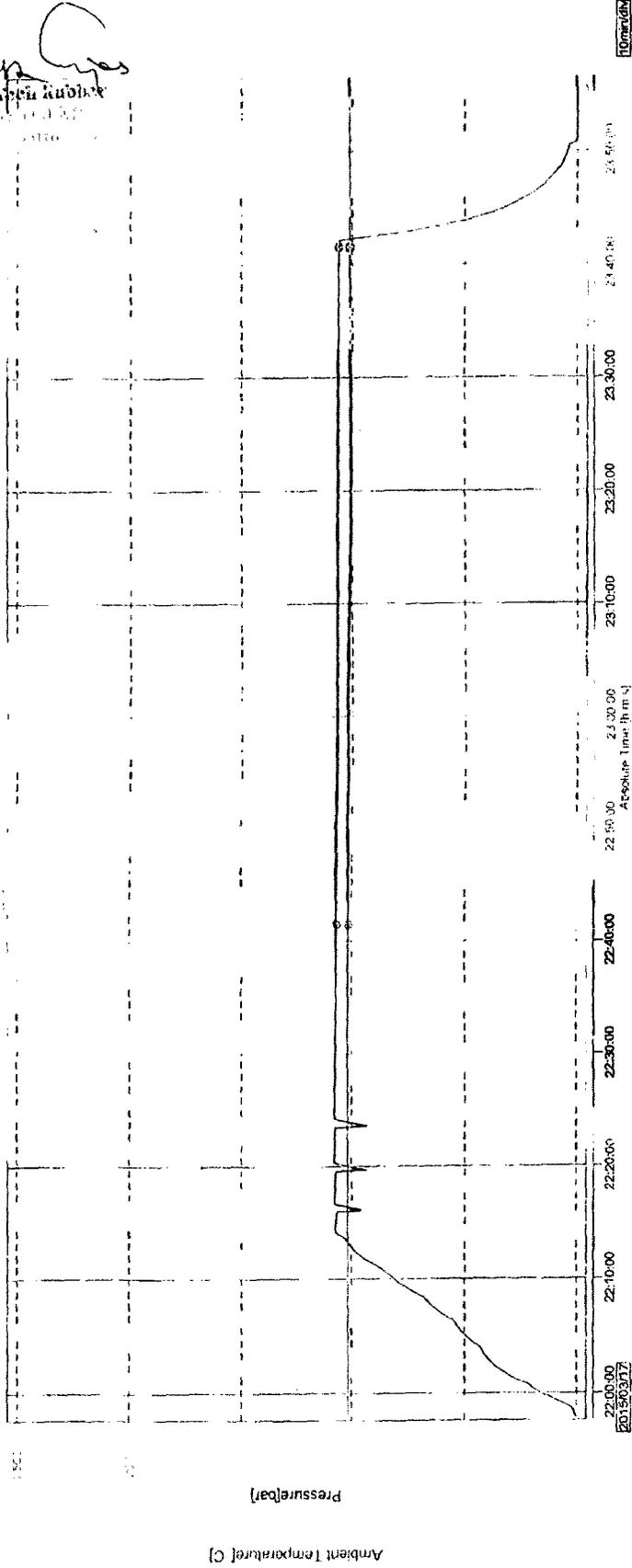
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

File Name : 004408_69913,-914,-915.GEV.....004420_69913,-914,-915.GEV
 File Message : 69913,69914,69915
 Device Type : GX10
 Serial No. : SSP06399
 Data Count : 1428
 Print Group : Press-Temp
 Print Range : 2015/03/17 21:57:40.000 - 2015/03/17 23:56:25.000
 Comment : 69913,69914,69915

Sampling Int. : 5.000 sec
 Start Time : 2015/03/17 21:57:40.000
 Stop Time : 2015/03/17 23:56:25.000

Data No.	Cursor A	Cursor B	Difference
	526	1246	720
Absolute Time	2015/03/17 22:41:30.000	2015/03/17 23:41:30.000	01:00:00.000
Tag Comment	Value A	Value B	Value B-A
Pressure[bar]	1069.30	1057.33	-11.97
Ambient Temperature[C]	20.26	20.18	-0.11

Yach Gies
 Confirmed
 10.03.2015



10.03.2015

**PECOS DISTRICT
DRILLING OPERATIONS
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	Apache Corporation
LEASE NO.:	NMNM02425
WELL NAME & NO.:	5H-Thunderbird A
SURFACE HOLE FOOTAGE:	2315'/N & 1955'/E
BOTTOM HOLE FOOTAGE:	330'/S & 2159'/E
LOCATION:	Section 33, T.16 S., R.30 E., NMPM
COUNTY:	Eddy County, New Mexico

Potash	<input checked="" type="radio"/> None	<input checked="" type="radio"/> Secretary	<input checked="" type="radio"/> R-111-P
Cave Karst Potential	<input checked="" type="radio"/> Low	<input checked="" type="radio"/> Medium	<input checked="" type="radio"/> High
Variance	<input checked="" type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input checked="" type="radio"/> Other
Wellhead	<input checked="" type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP

1. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.** If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).

MHH 02082018