

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC031844
2. Name of Operator APACHE CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: SANDRA J BELT E-Mail: sandra.belt@apachecorp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1962 Fx: 432-818-1192	8. Well Name and No. STRAIGHT LINE FEDERAL 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T17S R31E NESE 1650FSL 1100FEL		9. API Well No. 30-015-34087-00-S1
		10. Field and Pool, or Exploratory CEDAR LAKE HENSHAW
		11. County or Parish, and State EDDY 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 checked="" 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 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 recompleate 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 recompleation 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.)

Apache respectfully wishes to re-complete this well as follows:

1. MIRU DDP. Pull out of hole with equipment. need work plug Seal
2. Set CBP @ 6600' with cement retainer and squeeze perfs 4717-4740' w/300 sx "C" cement.
3. Perf Lower Blinbry @ 5685, 5703, 15,30,50,68,85, 5806, 20,35,48,60,70,90,98, 5940, 20,40,62,71,80,94, 6005, 28,44,65,80, 6100 and 20 (1JSPF) (29 holes).
4. Set CBP @ 5640'. Perf the Paddoc/Upper Blinbry @ 4865, 82,93, 4909, 20,40,55,70,84,5100, 30,43,59,72,92, 5116 36,53,66,88, 5268, 98, 5326, 40,58,84, 5400, 30,49,70,95, 5514, 67,83,92 & 5606 (1JSPF) (36 holes).
5. Will acidize and frac with Borate System. DO CBP, circulate, clean out and run production equipment

Accepted for record
12/17/14SEE ATTACHED FOR
CONDITIONS OF APPROVALNM OIL CONSERVATION
ARTEZIA DISTRICT

DEC 15 2014

14. I hereby certify that the foregoing is true and correct. Electronic Submission #271599 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER MASON on 12/09/2014 (15JAM0120SE)		RECEIVED
Name (Printed/Typed) SANDRA J BELT	Title SR. REGULATORY TECH	
Signature (Electronic Submission)	Date 10/17/2014	APPROVED
FEDERAL OR STATE OFFICE USE		
Title	Date	DEC 9 2014
Office	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	

Provide NMOCD w/C-102 (plat) for new completion / pool

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

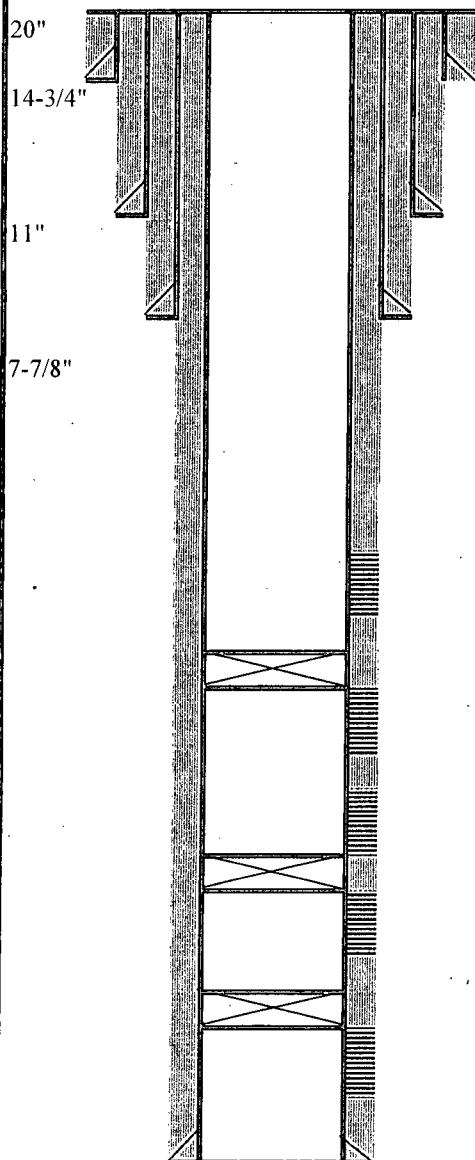
Apache Corp. Current Wellbore

WELL NAME:	Straight Line Federal #1	DATE:	Feb. 11, 2014
API:	30-015-34087	BY:	H. Gould
FIELD:	Cedar Lake North (BP)	COUNTY:	Eddy
LOCATION:	Sec. 19, T17S, R31E	STATE:	New Mexico
	1650 FSL, 1100 FEL		

Spud Date: 6/27/2005

Completion Date: 9/16/2005

GL = 3604'



16" 65# H-40 @ 358'
CMT W/ 450 SX (SURF/CIRC)

11-3/4" 42# H-40 @ 1347'
CMT W/ 850 SX (SURF/CIRC)

8-5/8" 32# J-55 @ 3943'
CMT W/ 1100 SX (SURF/CIRC)

5-1/2" 17# N-95/110 Set @ 11520'
CMT W/ 1650 SX - TOC @ 4000' (TS)

Paddock - 8/2007
4717-4740' (10 shots) - Az w/ 1000 gal

CIBP @ 8350' w/ 35' CMT
Wolfcamp 3 - Oil Well - 1/2007
8398-8414' (8 shots) - Az w/ 1000 gal

Wolfcamp 1 - Oil Well - 1/2007
9337-9362' (13 shots) - Az w/ 1000 gal

CIBP @ 9500' w/ 35' CMT
Penn - 1/2007
9569-9886' (16 shots) - Az w/ 2000 gal

CIBP @ 11,175' w/ 35' CMT
Morrow - Initial Completion - Gas Well - 9/2005
11,213-11,229' (97 shots) - Az w/ 1000 gal

TD: 11,520'
PBTD: 8,315'

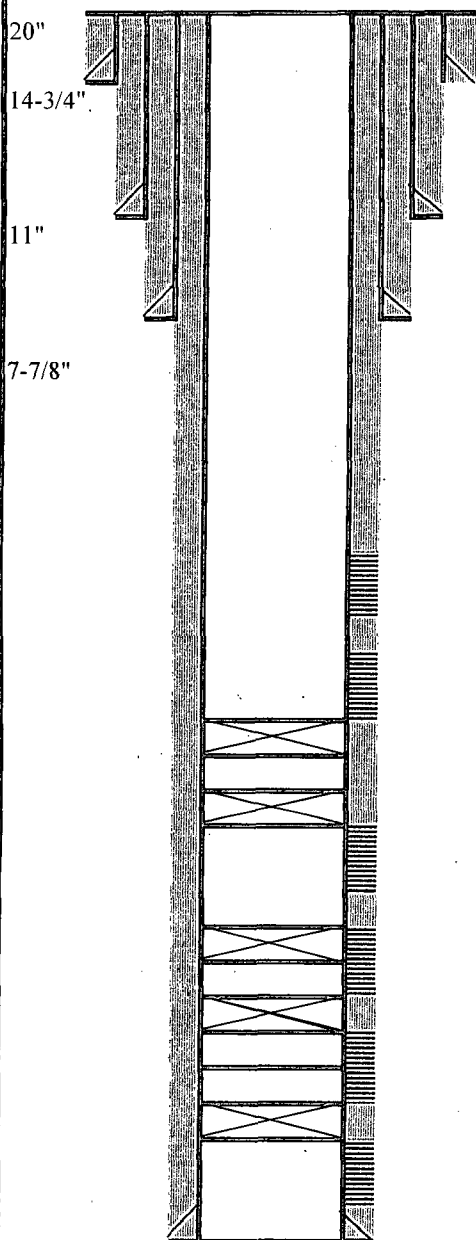
Apache Corp. Proposed Wellbore

WELL NAME:	Straight Line Federal #1	DATE:	Sep. 30, 2014
API:	30-015-34087	BY:	H. Gould
FIELD:	Cedar Lake North (BP)	COUNTY:	Eddy
LOCATION:	Sec. 19, T17S, R31E	STATE:	New Mexico
	1650 FSL, 1100 FEL		

Spud Date: 6/27/2005

Completion Date: 9/16/2005

GL = 3604'



16" 65# H-40 @ 358'
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5-1/2" 17# N-95/110 Set @ 11520'
CMT W/ 1650 SX - TOC @ 4000' (TS)

Paddock - 8/2007 - SQUEEZED

4717-4740' (10 shots) - Az w/ 1000 gal

Paddock/Upper Blinebry - Proposed

4865-5606' (36 shots) - Acidize/Frac

Lower Blinebry - Proposed

5685-6120' (29 shots) - Acidize/Frac

CIBP @ 6600' w/ 35' CMT - Proposed

CIBP @ 8350' w/ 35' CMT

Wolfcamp 3 - Oil Well - 1/2007

8398-8414' (8 shots) - Az w/ 1000 gal

Wolfcamp 1 - Oil Well - 1/2007

9337-9362' (13 shots) - Az w/ 1000 gal

CIBP @ 9500' w/ 35' CMT

Penn - 1/2007

9569-9886' (16 shots) - Az w/ 2000 gal

CIBP @ 11,175' w/ 35' CMT

Morrow - Initial Completion - Gas Well - 9/2005

11,213-11,229' (97 shots) - Az w/ 1000 gal

TD: 11,520'

PBTD: 8,315'

**Straight Line Federal 1
30-015-34087
Apache Corporation
December 09, 2014
Conditions of Approval**

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

Work to be completed by March 09, 2015.

- 1. Operator shall set a balanced Class H cement plug from 8,128'-7,948' to seal the top of the Wolfcamp formation.**
- 2. Operator shall set a balanced Class C cement plug from 6,809'-6,639' to seal the top of the Abo formation.**
- 3. Squeeze approved as written for Paddock perms.**
- 4. Must conduct a casing integrity test to max treating pressure before any perforating 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.**
- 5. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 6. Surface disturbance beyond the originally approved pad must have prior approval.**
- 7. Closed loop system required.**
- 8. 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.**
- 9. Operator to have H2S monitoring equipment on location.**

10. 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.
11. **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.**
12. **See attached for general requirements.**

JAM 120914

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

General Requirements for Plug Backs

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 **ninety (90)** days from this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822.
3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
5. **Cement Requirement:** 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 are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.**
7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.