

OCD-ARTESIA

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
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.5 Lease Serial No
NMLC-029426B

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATION3a Address
303 VETERANS AIRPARK LN, STE 3000
MIDLAND, TX 797054 Location of Well (Footage, Sec, T., R., M., or Survey Description)
SEC-9-T17S-R31E, UNIT A
1040'FNL, 660' FEL

3b Phone No (include Area Code)

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

8. Well Name and No
CROW FEDERAL #19. API Well No
30-015-34126

10 Field and Pool or Exploratory Area

11 Country 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 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 checked="" 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 checked="" type="checkbox"/> Other PAGE 1 OF 2
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	RECOMPLETE TO
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	YESO

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)

07/13/2011 RIH W CIBP & TBG SET CIBP @ 5312' POOH W TBG & SET TOOL RIH W PKR @ 5087' TEST CSG TO 500# HELD GOOD RELEASE PKR POOH W TBG & PKR RIH WCEMENT RETAINER SET @ 5085'.

7/15/2011 SQZ MID BLINEBRY PERFS: PUMP 100 SX/23.5 BBL CLASS "C" W/2% CALCHL @ 2.5 BPM/200# DISPLACE W/38 BBL FW.

07/18/2011 SQZ PADDOCKI PERFS: PUMP 200 SX/47 BBL CLASS "C", PUMPED 85 SX/ 20 BBL OF C NEAT.

7/20/2011 TAGGED UP ON CMT RETAINER @ 5078' DO CEMENT RET, DO CMT TO 5105' CMT WAS NOT SET UP CIRC HOLE CLEAN POOH W 2 STDS TBG SECURE WELL SI SDFN WAITING ON CEMENT.

7/21/2011 TAG UP ON CMT @ 5105' DO CMT TO 5312' CIRC HOLE DO CIBP @ 5312' RIH TO 6450'.

7/22/2011 RUN CBL FROM 6450' TO 3000' GOOD. RIH W CIBP SET @ 6450' RIH W PERF GUNS PERF LOWER BLINEBRY W/1 SPF 6223',6232',6240',6251',6263',6278',6286',6292',6301',6318',6336',6348',6360',6374',6381',6398',6404' 17 HOLES ACIDIZE WELL W 2500 GAL 15% NEFE HCL W/ 34 BIOBALL SEALERS.

7/25/2011 1ST STAGE LOWER BLINEBRY FRAC: PMP 17,892g 20# PAD; PMP 108,650g 20# W/135,000# 16/30 WHT SD, 30,000# 16/30 SIBERPROP, 2377g 20# LN GEL FLUSH.

7/26/2011 RIH W/ 3-1/8" PERF GUNS PERF MID BLINEBRY 1 SPF, 5919,28,38,48,55,69,88,6002,14,26,32,44,68,76,86,96,6105' 17 HOLES ACIDIZE WELL WITH 2500 GAL 15% NEFE HCL W/ 34 BIOBALLS.

7/28/2011 2ND STAGE MID BLINEBRY FRAC PUMP 23,688 GALS 20# PAD. PUMP 100,452 GALS 20#W/98,400 LBS 16/30 WHT SD, 10K SIBERPROP, 2217 GALS 20# LINEAR GEL FLUSH. RIH W 3-1/8 PERF GUNS, ADD PERFS TO UPR BLINEBRY@ 5816',5828'5834', ACIDIZE W/ 2500 GAL 15% NEFE.

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

BEV HATFIELD

Title SR. STAFF ENGINEERING TECH

Signature

Date 10/11/2011

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

OCT 15 2011

Date

BUREAU OF LAND MANAGEMENT

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)

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NMOCD TC 3

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1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator
APACHE CORPORATION

3a. Address
303 VETERANS AIRPARK LN, STE 3000
MIDLAND, TX 79705

3b Phone No (include area code)

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

8 Well Name and No
CROW FEDERAL #1

9 API Well No.
30-015-34126

10 Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC-9-T17S-R31E, UNIT A
1040' FNL, 660' FEL

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CONT....

7-29-2011 3RD STAGE MID BLINEBRY FRAC PUMP 18,000 GALS 20#PAD, PUMP 92482 GALS 20#W/88000LBS 16/30WHT SD, 23K SIBERPROP, 2054g LINEAR GEL FLUSH.

8-03-2011 DO PLUG @ 5880', 6150' 6450' CIRC CLEAN.

8-04-2011 POOH W/2-7/8" TBG, DC & BIT LD DC & BIT PU RIH W PURGE VALVE 2JTS 2-7/8" TBG CAVENS DESANDER 4' LIFT

SUB SN @6328.51 23 JTS 2-7/8" TBG TAC @5550.4 170 JTS 2-7/8" TBG ETD @ 6417.21 ND BOP NU WELLHEAD

PU RIH W 1.75" PUMP AND 3/4 RODS SI SECURE WELL SDFN PREP TO FINISH RUNNING RODS IN A.M.

8-05-2011 CONTINUE IN HOLE W/ RODS RAN 1-2'X1" ROD SUB 72-1"STEEL KD 83 7/8" STEEL KD 94 3/4" STEEL KD 1 1-3/4" X 24"PUMP LOAD & TEST TO 500# HELD GOOD GOOD PUMP ACTION RDMOSU & REV UNIT PREP TO TURN PROD TO BATTERY WAITING TO BALANCE UNIT SDFWE.

8-8-2011 PRODUCING TO BATTERY.

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

BEV HATFIELD

Title SR. STAFF ENGINEERING TECH

Signature

Date 10/11/2011

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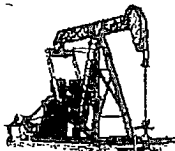
GL=3905'
KB=16'

Apache Corporation – Crow Federal #1

Wellbore Diagram – Current Status

Date : 10/3/11
S Hardin

API: 30-015-34126



Surface Location

1040' FNL & 660' FEL, Unit A
Sec 9, T17S, R31E, Eddy County, NM

Surface Casing

13 3/8" 54.5# csg @ 580' cmt'd w/550 sx

Hole Size
=17 1/2"

TOC @
Surface
Circ

Perf Yeso2 @ 5130'-5267' 12/06

7/11: Sq'd w/ 100 sx Class C w/ 2% CALCHL & 200 Sx Class
C w/ 3 pps KOL seal & 85 sx Class C Neat

Hole Size
=12 1/4"

TOC @
Surface
Circ

Perf Yeso1 @ 5585', 5608'-98', 5703'-83' 10/06

7/11: Perf Upper Blinebry @ 5816'-5834'

7/11: Perf Middle Blinebry @ 5919'-6105'

7/11: Perf Lwr Blinebry @ 6223'-6404'

Intermediate Casing

8 5/8" 32# csg @ 4001' cmt'd w/1550 sx

CIBP @ 8375' w/20' cmt

Perf @ Upper WC 8413'-8488'

CIBP @ 9000' w/35' cmt

Hole Size
=7 7/8"

TOC @
Surface
Circ

Perf WC @ 9444'-48', 9450'-58', 9560'-69', 9574'-79',
9582'-86'

CIBP @ 10000' w/35' cmt

Perf Canyon @ 10170'-99', 10200'-93', 10406'-98', 10506'

CIBP @ 11350' w/35' cmt

Perf Atoka @ 11409'-11414'

CIBP @ 11700 w/35' cmt

Perf Morrow @ 11768'-11834'

TUBING DETAIL			
Qty	Description	Length	Depth
196	2 7/8" J-55 8rd EUE 6.5#	6345'	6417'
	TAC (8/8/11)		5550'

LG Casing

5 1/2" 17# csg @ 12139' cmt'd w/2265 sx

PBTD =8355'
TVD =12140'