

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0135  
Expires January 31, 2004

RECEIVED

**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.**

JAN 05 2012

**SUBMIT IN TRIPLICATE - Other instructions on reverse side of Land Management**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		Case Serial No MDA 701-99-0014
2. Name of Operator Jicarilla Apache Energy Corporation		6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe
3a. Address P.O. Box 710, Dulce, NM 87528	3b. Phone No. (include area code) 505-759-3224	7. If Unit or CA/Agreement, Name and/or No. Farmingington Field Office
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) 89S' FNL & 67S' FWL, Sec 28, T27N, T2W, NMPM		8. Well Name and No. Apache JVA #2A
		9. API Well No. 30-039-27408
		10. Field and Pool, or Exploratory Area Blanco-Mesa Verde/Gavilan PC
		11. County or Parish, State Rio Arriba County, NM

**12. CHECK 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Complete Gavilan
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	PC & Downhole
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Commingle w/MV

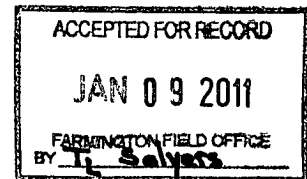
3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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 shall 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 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.)

The Jicarilla Apache Energy Corporation (JAECO) completed and tested this well as a Gavilan PC extension and Downhole Commingled the PC production with the existing Blanco-Mesa Verde production as per the attached procedure.



**BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE**

RCVD JAN 11 '12  
OIL CONS. DIV.  
DIST. 3



This completion sundry report  
was never accepted by the BLM.  
Work was completed back in 2004.

DHC 3310

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

Charles Neeley, PE

599-6350

gent

Signature

Date 1/5/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name  
(Printed/Typed)

(Continued on next page)

ACCEPTED FOR RECORD

NMOC

## Apache JVA 2A Gavilan PC – Completion

7/27/04 Hold safety meeting. Blow tubing down. ND tubing head adaptor & nipple up BOP. Unseat and LD tubing hanger. Pickup 19 joints 2 3/8" tubing and tag at 6228'. LD 8 joints tubing and trip out of hole. Rig up WL & RIH with 4 1/2" 10.5# RBP and set at 5500'. RIH with sand bailer and dump 10' sand on RBP – Fluid level at 5100'. RDWL. Trip in hole with tubing to 5100' – load and circulate hole with 2% KCL water. Trip out of hole and top off casing. Close blind rams and press test casing/well head/BOP to 750 psi – ok. SDFN.

7/28/04 Hold safety meeting. Rig up Hot Oil Pump and pressure test RBP/Casing/WH/BOP to 3000 psi for 30 minutes – ok. Rig up WL, RIH with 3 1/8" cased carrier guns (2 runs) and perforate the following intervals with 10 gram, .34" dia, 26" penetration – Total 48 holes: 3862' – 3870' (16 holes), 3850' – 3860' (16 holes), 3698' – 3716' (12 holes) and 3654' – 3655' (4 holes) all with 120 deg phasing. Rig down WL. Rig up choke and flow-back lines.

7/29/04 Hold safety meeting. Pick up 7" RBP, ball basket and LH DRR Packer for 20#/ft casing. TIH & set RBP at 3900' and packer at 3778'. Rig up frac company to breakdown and acidize perfs with 400 gals 15% HCL and 48 - 1.3 SG Ball Sealers at 4.0 BPM – casing circulated – Reset packer at 3746', hold 500 psi on csg. Breakdown at 1895 psi, good ball action – no ball off. Release packer and RBP. Set RBP at 3750', pull packer up hole to 3621' – set packer, shut pipe rams – breakdown and acidize perfs 3654' – 3716' with 400 gals 15% HCL and 24 - 1.3 SG BS at 4.0 BPM. Breakdown: 938 psi. Good ball action – near ball off with 2357 psi. Release RBP and Reset at 3668'. With EOT at 3621' acidize perfs 3654' – 3655' with 400 gals 15% HCL and 6 - 1.3 SG BS at 4.0 BPM. No breakdown required – acid displace at 910 psi – very slight ball action. Retrieve RBP, TOH and laydown RBP, ball catcher and packer – recovered 62 of the 72 balls pumped – noted oil in ball catcher. SION.

7/30/04 Hold safety meeting. Move in and rig up stinger and frac company to frac with 70Q N2 foam and 95,000 lbs 20/40 Brady sand at 60 BPM DHR. Test surface lines at 4000 psi – ok. Fraced down 7" casing with 10,193 gal WF 120 pad and 12,806 gal WF 120 fluid containing 95,063 lbs 20/40 Brady Sand in 7 sand stages (1.0 ppg to 4.0 ppg) and displaced with 2,528 gal 70Q N2 foam. Frac Gradient: .526 - .538. Total clean fluid: 25,527 gal, Total N2: 762.4 Mscf. Pressures: Min: 775 psi, Avg: 1620 psi. Max: 1744 psi. ISIP: 1194 psi, 5 min SI: 1165 psi, 10 Min SI: 1158 psi, 15 Min SI: 1148 psi.

Rig down frac company and stinger.

Flow-back well on 1/4" choke: Initial press: 1140 psi at 6:00 pm:

9/9/04 Hold safety meeting. Check well: Blow down casing. TOH. Clean out bailer and dump 2 joints sand. No physical evidence of retrieving tool being over RBP. Remove finger collet from retrieving tool and trip in hole with bailer. Tag sand at 5512'. Clean out sand to 5514' – tag RBP and open by-pass. TOH. Install finger collet in RBP retrieving head. TIH. Latch onto RBP at 5514' (tubing measure), release RBP and TOH. Laydown RBP, retrieving tool and sand bailer. Pick up: notched collar, 1 joint tubing, SN and TIH to 1984'. SION.

9/10/04 Hold safety meeting. Check well: Blow down well. TIH w/notched collar, 1 jt tbg, SN and 190 jts 2 3/8" tubing. Land tubing with EOT 6134', SN 6103'. NDBOP & NU Well Head. Rig up to swab:

9/28/04 Hold safety meeting. Move in and rig up Well Service Unit. Pick up and run in hole with 2 x 1 1/2 x 18 RWAC pump, 164 – 3/4" rods and 79 – 7/8" rods. Install 1 1/4" x 20' polished rod with 17' liner. Long stroke pump – good action. Nipple up pumping tee and horses head. Space out pump, hang and clamp off rods.

9/29/04 Hold safety meeting. Rig down and move out Well Service Unit. Put well on pump.