

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB 1004-0135  
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

**CONT 145**

6. If Indian, Allottee or Tribe Name

**JICARILLA APACHE**

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

**JICARILLA K**

8. Well Name And No.

**JICARILLA K #14E**

9. API Well No.

**30-039-25840**

10. Field And Pool, Or Exploratory Area

**Blanco MV - Basin DK**

11. County Or Parish, State

**RIO ARriba COUNTY, NM**

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type Of Well

Oil Well ☐ Gas Well ☒ Other ☐

2. Name Of Operator

**CONOCO INC.**

3a. Address

**P.O. Box 2197, DU 3066,  
Houston, TX 77252-2197**

3b. Phone No. (include area code)

**(281) 293-1613**

4. Location Of Well (Footage, Sec., T., R., M., or Survey Description)

**1190' FNL - 1580' FEL, SEC. 11, T25N-R05W, UNIT LETTER 'B'**

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 checked="" 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 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 Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting 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 work will be performed or provide the Bond No. on file with the 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 Recompletion 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.)

**PLEASE SEE REVERSE AND ATTACHED FOR COMPLETION DETAILS ON  
THE BLANCO MESA VERDE AND BASIN DAKOTA FORMATION.**

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

**DEBRA SITTNER**

Title **Agent for Conoco Inc.**

Signature

*Debra Sittner*

Date **12/29/00**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

**/s/ Brian W. Davis**

Approved by

Title

Date

**JAN 30 2001**

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

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.

## Daily Summary

API	Field Name	Area	County	State/Province	Operator	License No
300392584000	JICARILLA	SOUTH	RIO ARRIBA	NEW MEXICO		
KB Elev (ft)	Ground Elev (ft)	KB-CF (ft)	KB-Tubing Head Distance (ft)	Plug Back Total Depth (ftKB)	Spud Date	Rig Release Date
6726.00	6713.00	13.00	13.00	7,465.0	10/15/00	10/31/00
Start	Ops This Apt					
11/17/00	Road rig to location. Spot rig and RU. Spot equipt. RU pump & pit. ND wellhead and NU BOP. Wait for pipe and spot float. PU 7/8" rock bit and TIH w/ 80 jts 2 3/8" tbg to 2524' KB. Secure well for the night.					
11/20/00	Get equipt running. PU tbg and TIH and tag TOC @ 4576' KB w/ 145 jts. RU power swivel and DO 16' cement, tag DV @ 4572' KB. DO DV and circ well clean. Continue to TIH and tagged TOC @ 6060' KB. w/ 193 jts. RU power swivel and DO 60' cement. Tag DV @ 6120' KB. w/ 195 jts. DO DV and circ well clean. Drain all equipt and secure well for the night.					
11/21/00	Warm up equip, TIH picking up pipe. Tag cmt @ 7383' KB w/ 235 jts 2 3/8" tbg. RU power swivel, start circulating. DO cmt and tag FC @ 7391' KB. DO collar and continue to 7465' KB w/ 238 jts. Circulate clean. Pressure test well to 1000#, ok. Circulate well w/ 110 bbls 2% KCL. TOOH standing back. Drain all equip and secure well for the night.					
11/22/00	Warm up equipt. RU Schlumberger. PU logging tool and RIH to 7469' wlm. Run TDT log from bottom to 400' and run GR from 400' to surface. RD w/l. Drain all equipt and secure well for the night.					
11/27/00	RU rig pump and test csg to 3800#. Held ok. RU Blue Jet. PU 3 1/8" cased gun w/ 12 gm .34" dia charges. RIH and perforate DK in 3 runs as follows: 7236'-7246', 7331'-7333', 7374'-7394' @ 1 spf and 7407'-7414', 7422'-7428' @ 2 spf for a total of 65 holes. RD w/l. Held pre rig up safety meeting w/ Halliburton. Spotted frac equipt and partially rigged up. Drained all equipt and secured well for the night.					
11/28/00	Checked well. Finish rigging up Halliburton. RU frac head from Stinger. Prep to breakdown perms. Lost power in frac van. Shutdown to repair. Pressure test lines and set pop-off. Load the hole and start pumping till initial break @ 2501# @ 3.4 bpm. Established pump-in rate @ 31.9 bpm. Prep to balloff w/ 35 bbl of 15% HCL and 80 - 7/8" 1.3 sg ballsealers. Balled off @ 3400# @ 13 bpm. RU Blue Jet. PU junk basket and RIH to retrieve balls. Retrieved 79 balls w/ 50% hit rate. RD w/l. Prep to frac DK. Pumped 150 bbl prepad @ 45 bpm @ 2500#, dropped rate to 35 bpm @ 2100#, dropped rate to 30 bpm @ 2010#, dropped rate to 20 bpm @ 1735#, shutdown with ISIP @ 1500#. Frac w/ 88473# 20/40 Brady sand and 136274 gals slickwater. Pumped 595 bbl pad @ 50.5 bpm @ 2783#, .5# sand @ 2862# @ 50.5 bpm, .75# @ 2887# @ 50.5 bpm, 1# @ 2906# @ 50.2 bpm. Avg treating pressure 2860# avg rate 50.5 bpm, max pressure 3010#, ISDP 2250# to 2060# in 5 min, 1976# in 10 min, 1906# in 15 min. Shutdown and release pressure to pit. Performed most of the frac w/ friction reducer @ .75 then raised to 1 gal on 1# stage. Lost hydraulic pressure on pop-off during 1# stage and had to shut it off. Max pressure from 3420# to 3040#. RD Halliburton. RU w/l. PU 4 1/2" Halliburton composite plug. RIH and set plug @ 5500#. Pressure test plug to 3800#, held ok. RD w/l. Drained all equipt and secured well for the night.					
11/29/00	Checked well. RU Blue Jet. PU 3 1/8" cased gun w/ .34" 12gm charges @ 90 degree phasing and perforated Point Lookout and Menefee in 4 runs as follows: 5055'-5056', 5132'-5133', 5224'-5226' @ 1 spf, 5232'-5234', 5254'-5256', 5264'-5270' @ .5 spf, 5274'-5284' @ 1 spf, 5286'-5298', 5338'-5344', 5352'-5362', 5370'-5378' @ .5spf, 5414'-5415', 5425'-5426' @ 1spf. Total of 53 holes. RD w/l. Drained all equipt and secured well for the night.					
11/30/00	Checked well. Prep to move in Halliburton equipt. Spot equipt. Pressure test line and set pop-off. Prep to breakdown MV perms w/ 1500 gals 15% HCL and 70- 7/8" 1.3sg ballsealers. Loaded the hole and saw intial break @ 2165# pumping 6.2 bpm, continue to pump @ 16.2 bpm @ 1700#, shutdown for ISIP @ 796#. Pumped acid w/ ballsealers @ avg rate 22 bpm and avg pressure 1700#. Saw good ball action and balled off @ 3350#. Shutdown. RU Blue Jet. PU junk basket and RIH to retrieve balls. Retrieved 69 balls with a 70% hit rate. RD w/l. Prep to frac MV. Start pumping 100 bbl prepad @ 54.4 bpm @ 1904#, step down to 45.1 bpm @ 1661#, down to 35.6 bpm @ 1461# and down to 25.4 bpm @ 1273#. Shutdown for ISIP @ 950#, 5 min. 865#, 10 min 834#. Frac MV w/ 93060# 20/40 Brady sand and 92167 gals slickwater as follows: pumped 667 bbl pad @ 60.5 bpm @ 2133#, .5# sand @ 60.5 bpm @ 2145#, 1# sand @ 60.5 bpm @ 2088# and 1.25# sand @ 61.3 bpm @ 2223#, flushed w/ 75 bbls. Avg rate 60.5 bpm, avg pressure 2147#, max pressure 2380#, ISIP 1190#, 5 min 1045#, 10 min 1001#, 15 min 974#. Did not pump to design due to shortage of sand. Still had over 800 bbls of clean fluid left after job. Appears to be error in sand hauling. Also Protechnics pumped RA material as follows: 17 mCi in pad, 23 mCi in .5#-1# stg, and 15 mCi in 1.25# stg. RD Halliburton. Rig crew rigged down frac head. Drained all equipt and secured well for the night.					
12/1/00	RU gas compressors and 2" flowline. RU 6" blooie line. Checked well, no pressure. TIH w/ metal muncher and 160 jts 2 3/8" tbg to 4900'. Drained all equipt and secured well for the weekend.					
12/4/00	Checked well, no pressure. PU and TIH w/ 6 jts 2 3/8" tbg and tag fill w/ total 168 jts 5277' KB. RU kelly hose and standby for Williams to repair drill gas meter. Got drill gas compressors running and spent rest of the day trying to unload well. Lost one compressor due to high temp. Pulled up to 5025' KB, left 160 jts in the hole. Drained all equipt and secured well for the night.					
12/5/00	Checked well, no pressure. TIH and tag fill @ 5278' (168 jts). RU gas compressors and spent rest of the day trying to unload well. CO 60' to 5340'. Pullup to 5025' leaving 160 jts in the hole. Drained all equipt and secured well for the night.					
12/6/00	Checked well, 80# tbg, 390# csg. Blow well down. TIH and tag fill @ 5300' (40' fill overnight). RU gas compressors and unload well. Well taking 2 1/2 hrs to get soap sweep back. CO to 5400'. Pullup to 5025', leaving 160 jts in the hole. Drained all equipt and secured well for the night.					
12/7/00	Checked well, 560# tbg, 590# csg. Blow well down. TIH and tag fill @ 5395'. RU gas compressors and unload well. CO to plug @ 5425' KB w/ 173 jts 2 3/8" tbg. Stayed there rest of the day. Well keeps loading up, still taking over 2 hrs to return soap sweep. Pull up to 5025' KB, leaving 160 jts in the hole. Drained all equipt and secured well for the night.					
12/8/00	Checked well 540# tbg, 520# csg. Blow down well. TIH and tag fill @ 5415' (10'). RU gas compressors, unload well and CO to plug. Pump soap sweeps. Stay there the rest of the day. Pull up to 5025', leaving 160 jts in the hole. Drain all equipt and secure well for the night.					

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5726.00	6713.00	13.00	13.00	7,465.0	10/15/00	10/31/00

Start	Ops Thru Apt
12/11/00	Checked well 990# tbg, 1100# csg. Try to flow up tbg to test, would not flow. Blow down well. TIH and tag fill @ 5420' (5'). RU gas compressors and unload well. CO fill and pump soap sweep. Stay there to try and dry up well. Pull up to 5150' KB. Make well flow up the tbg thru 1/2" choke and turned over to drywatch.
12/12/00	Checked well 30# tbg, 500# csg. Blow down well. TIH and tag fill @ 5415' (10'). RU gas compressors and unload well. CO fill to plug. Confer w/ engineering. RU power swivel and drillout plug. Well loaded up. Stay there rest of the day unloading water. Pump soap sweep. Lay down power swivel and pullup to 5150'. Drained all equip and secured well for the night.  NOTE: MV TEST FOR DHC- 7 BOPD, 25 BWPD, 200 MCFPD, 30# TBG, 500# CSG, 1/2" CHOKE, TBG LANDED @ 5150' KB FOR TEST, TEST WITNESSED BY: WILLIS GISENHANER & DAVID JOHN W/ L&R CONSTRUCTION
12/13/00	Checked well 920# tbg, 1250# csg. Blow well down. TIH w/ tbg and tag fill 90' above PBTD. RU power swivel and gas compressors. Unload well and finish DO bottom piece of plug. CO to PBTD. Pump soap sweep every hour. Well flowing lots of sand, oil & water. Pullup to 7091' leaving 226 jts in the hole. Pressure up well and make flow thru 1/2" choke. Turn over to drywatch.
12/14/00	Checked well, still flowing 170# thru 1/2" choke w/ 600# on backside. Blow well down. TOOH w/ 226 jts 2 3/8" tbg and lay down metal muncher. TBH w/ mule shoe, seating nipple and tbg and tag fill @ 7420' (45' fill) w/ 236 jts. RU gas compressors and unload well. CO fill. Pump soap sweep every hour. Pullup to 7226' KB leaving 230 jts in the hole. Pressure up well and make flow up tbg open ended. Turn over to drywatch.  NOTE: MV/DK TEST- 7 BOPD, 35 BWPD, 1100 MCFPD, 170# TBG, 600# CSG, 1/2" CHOKE, TBG LANDED @ 7091' KB FOR TEST, TEST WITNESSED BY: WILLIS GISENHANER & DAVID JOHN W/ L&R CONSTRUCTION.
12/15/00	Checked well, still flowing open ended thru 2" @ 80# tbg and 580# csg. Blow well down. TIH w/ 2 3/8" tbg and tag 30' fill. RU gas compressors, unload well and CO fill. Pump soap sweep every hr. Pull up to 6523. Drained all equip and secure well for the night.
12/18/00	Checked well 1300# tbg, 900# csg. Blow well down. TIH and tag fill @ 7445' (20' fill). RU gas compressors and CO fill. TOOH laying down 8 jts. Land tbg @ 7238' KB w/ 230 jts. ND BOP and NU wellhead. RD unit and prep to move to Jicarilla B2A.