

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

2. **Name of Operator**
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit I (NESE), 1800' FSL & 810' FEL, Sec. 3, T27N, R5W NMPM

5. **Lease Number**
SF-079393
**If Indian, All. or
Tribe Name**

7. **Unit Agreement Name**

San Juan 27-5 Unit

8. **Well Name & Number**

9. **San Juan 27-5 Unit 21A
API Well No.**

10. **30-039-21882
Field and Pool**

11. **MV/ Tapacito PC
County and State
Rio Arriba, NM**

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action:

- ☐ Abandonment
☐ Recompletion
☐ Plugging
☐ Casing Repair
☐ Altering Casing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-off
☐ Conversion to Injection

☒ Other : Commingle

13. Describe Proposed or Completed Operations

Currently, this well is a dual completion producing from the Pictured Cliffs and Mesa Verde formations. The intent of this procedure is to commingle the two formations, if the casing tests. The Polished Bore Receptacle (PBR) will be removed along with a string of 2 3/8" tubing and a string of 1 1/4" tubing. A string of 2 3/8" tubing will be installed. Please see attached procedure.

No order yet 9-27-06

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

Signed Philana Thompson Philana Thompson Title Regulatory Technician Date 9/20/06

(This space for Federal or State Office use)

APPROVED BY Joe Hewitt Title Geo Date 9-21-06

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

9-27

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

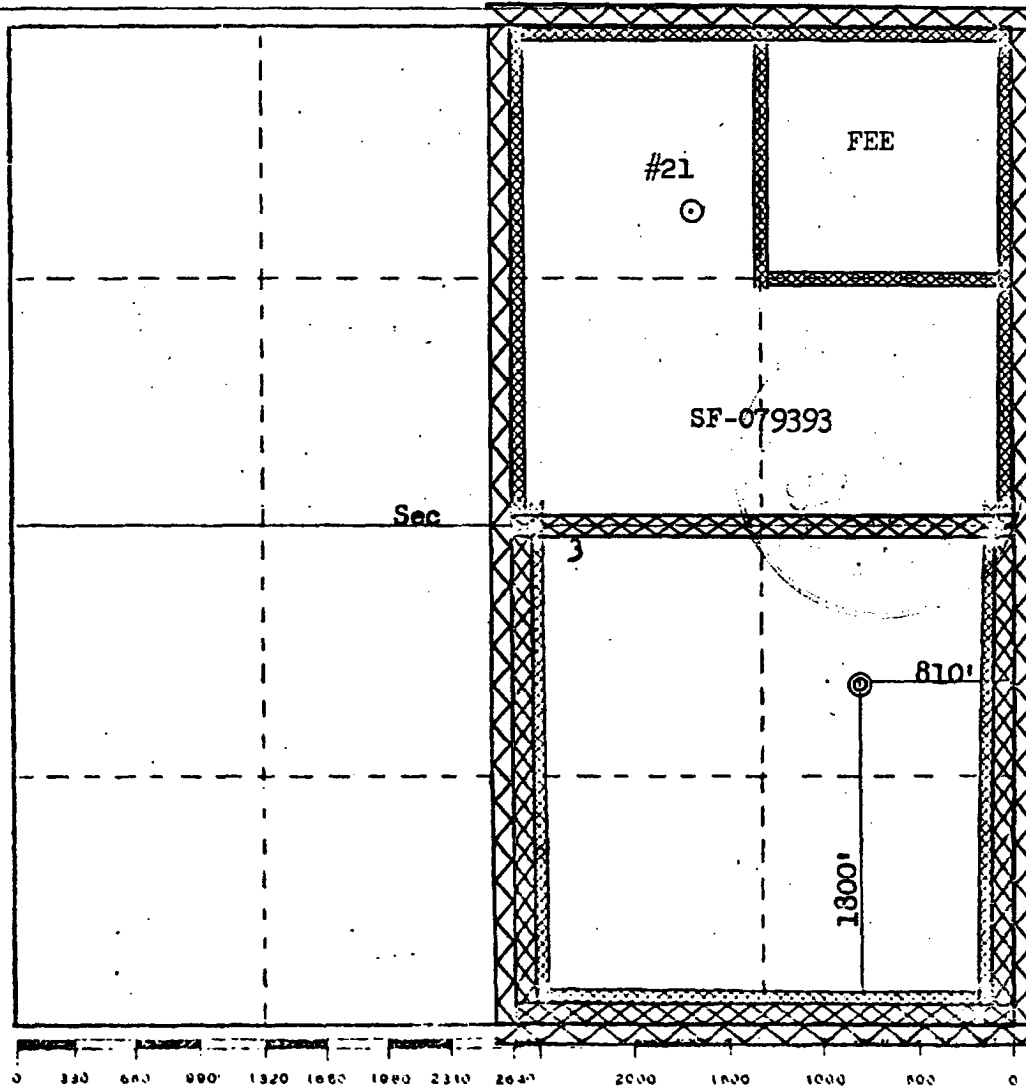
Operator EL PASO NATURAL GAS COMPANY			Lease SAN JUAN 27-5 UNIT (SF-079393)		Well No. 21A
Unit Letter I	Section 3	Township 27N	Range 5W	County 2006 SEP Rio Arriba CO	
Actual Postage Location of Well:					
1800		feet from the South	line on 810	feet from the West	
Ground Level Elev. 6683	Producing Formation Mesa Verde-Pictured Cliffs		Pool Blanco Mesa Verde		Estimated Acreage 319.16 ± 160.00

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Note: Plat re-issued to show formation change from single to dual completion 8/27/79



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

S. G. Suico

Name
Drilling Clerk
Position
El Paso Natural Gas Co.
Company
August 31, 1979
Date

I hereby certify that the well location is true and correct to the best of my knowledge and belief.

RECEIVED
SEP 4 1979

U. S. GEOLOGICAL SURVEY

Date Surveyed
July 23, 1978
Responsible Engineer
Fred B. Kerr, Jr.
3950

San Juan 27-5 Unit 21A
1800' FSL, 810' FEL
Unit I Sec 03 - 27N - 05W
San Juan County, NM
Lat: N36 36.014 Long: W107 20.324
AIN: 5335201 PC, 5335202 MV

Scope: Currently, this well is a dual completion producing from the Pictured Cliffs and Mesa Verde formations. The intent of this procedure is to commingle the two formations, if the casing tests. The Polished Bore Receptacle (PBR) will be removed along with a string of 2 3/8" tubing and a string of 1 1/4" tubing. A string of 2 3/8" tubing will be installed.

1. Hold Safety meeting. Comply with all NMOC, BLM, and ConocoPhillips safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. MIRU. Record tubing and casing pressures in DIMS. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead and NU BOP.
3. TIH and tag for fill above PBR packer, clean out if necessary. TOO H and lay down PC tubing string as follows: (111) joints of 1 1/4" 2.33# WP-55 10rd tubing, (1) 1 1/4" seat nipple, (1) joint 1 1/4" 2.33# WP-55 10rd tubing.
4. Unseat the PBR packer (**NOTE:** PBR was set in compression. To release PBR, pull string weight straight to unset). TOO H with (119 +/-) joints - 2-3/8" 4.7# J-55 EUE 8rd tubing, (1) PBR packer, (73) joints 2 3/8" 4.7# J-55 EUE tubing, (1) 2 3/8" seat nipple (1) joints 2 3/8" 4.7# J-55 EUE tubing. Lay down any bad joints.
5. PU 3 7/8" bit, watermelon mill, and 2 3/8" work string. TIH to PBT D (6156'). Clean out any fill and circulate hole clean. TOO H with bit and watermelon mill.
6. PU RBP and packer for 4 1/2" 10.5# casing, and TIH on 2 3/8" work string. Set RBP at 5164' (50' above top MV perf), pull up and set packer 5' above RBP. Pressure test RBP to 500 psi.
7. If it holds, release packer and PU to 3750' (below liner top @ 3719'). Pressure test casing, to 500 psi for 15 minutes minimum. If held, release packer and latch onto RBP, continue with procedure. If did not hold, go to step 11.
8. TOO H with 4 1/2" RBP and packer. TIH with a 7" RBP and packer. Set RBP at 3700', 20' above top of liner at 3719'. Pull up and set packer 5' feet above RPB. Pressure test RBP to 500 psi.
9. If it holds, release packer and pull up to 3663' (50' below the bottom PC perf.). Pressure test casing to 500 psi for 15 minutes minimum.
10. If it holds, release packer and latch onto RBP. Set packer at 3485' (50' above top PC perf.). Load backside and pressure test casing to 500 psi for 15 minutes minimum. If casing tests okay, unseat packer and TOO H with packer and RBP, go to step 14. Otherwise, continue with procedure.
11. Begin leak isolation in the 4 1/2" or 7" casing. Record and report injection rate, pressure, and location of holes to Sr. Rig Supervisor and project engineer to obtain necessary regulatory approvals and proper squeeze design.

DO NOT PROCEED WITH CASING REPAIR WITHOUT APPROVAL FROM ENGINEER AND FOREMAN.

12. RU cement company and squeeze casing leak(s) per Sr. Rig Supervisor and project engineer instructions.

9/20/2006

San Juan 27-5 Unit 21A – Commingle Procedure

1800' FSL, 810' FEL

Unit I Sec 03 - 27N - 05W

Rio Arriba, NM

Page 2

13. PU appropriate bit and TIH to drill out cement. After drilling out cement, pressure test squeeze to 500 psi. If held, clean out to PBTD if necessary. TOO H with tubing and bit. If did not hold, may need to re-squeeze, to be determined by Sr. Rig Supervisor and project engineer instructions.
14. RU to test well. PU tubing and set at 6001' (tubing landing depth).
15. RU test unit with meter(s) and pit. Flow test the entire wellbore up the annulus with a backpressure equal to the line pressure, about 100 psi, on unit. Run a minimum 3-hour test and record results in DIMS. Be sure that it is a stabilized test, no spikes that indicate loading or surging. If the well is unstable continue with test until a stable 3-hour test has been recorded.
16. RD the test unit lines but do not RD the unit. (Unit will be utilized in CH test.)
17. TOO H. PU 4-1/2" RBP on 2-3/8" tubing. RIH and set RBP @ 3816' (approx. 200' below bottom PC perforation).
18. PU and set tubing at 3716' (approx. 100' above RBP.)
19. RU test unit and pit. Flow test PC up the annulus with a backpressure equal to the line pressure, about 100 psi, on unit. Ensure that test is performed with the same backpressure as the Commingled PC/MV Test. Run a minimum 3-hour test and record results in DIMS report and the drilling test sheet. Be sure that it is a stabilized test, no spikes that indicate loading or surging. If the well is unstable continue with test until a stable 3-hour test has been recorded.
20. Latch onto RBP, equalize, TOO H and LD RBP.
21. MU BHA as follows: (1) saw tooth collar, (1) 2 3/8" - 1.78" ID SN, (1) joint 2-3/8", 4.7#, J-55 tubing, (1) 2' tb. sub used, and remaining 2-3/8" tubing. Broach tubing while TIH. Land tubing at 5800' +/-.
22. ND BOP, NU wellhead. Make swab run to kick well off, if necessary. Notify lease operator that well is ready to return to production. RDMO.

Recommended: _____

**Production Engineer – Christine Buczek
Susan M. Linert**

Approved: _____

Sr. Rig Supervisor - Lyle Ehrlich

Sr. Rig Supervisor: John Angvick

Office: 326-9840

Cell: 320-2420

Production Engineer: Susan M. Linert

Office: 324-5140

Cell: 320-0706

Production Foreman: Mark Poulson

Office: 324-5137

Cell: 320-2523

Area Specialist: Joey Becker

Pager: 324-7059

Cell: 320-2548

Lease Operator: Will Ed Paul

Pager: 324-7273

Cell: 320-9418

9/20/2006

SPUD DATE: 10/13/79
COMPLETION DATE: 10/7/80

MV & PC

Latitude N36 36.014
Longitude W107 20.324

Surface Casing

Hole Size 13-3/4"
9-5/8" 36.0#k-55 8rd
Set @ 223'
Cement to surface 190 sx

Production Casing

Hole Size 8-3/4"
7" 20# k-55 8rd
Set @ 3842'
Cement w/ 176 sx
TOC 2700'

Liner

Hole Size 6-1/4"
Hung @ 3719' Set @ 6173
4-1/2" 10.5# k-55 8rd
Cement w/ 421 cu ft
Circ to top of liner

PC Perforations

3535'-3613'
Frac w/ 60,000# sand
76,000 gal. water

MV Perforations

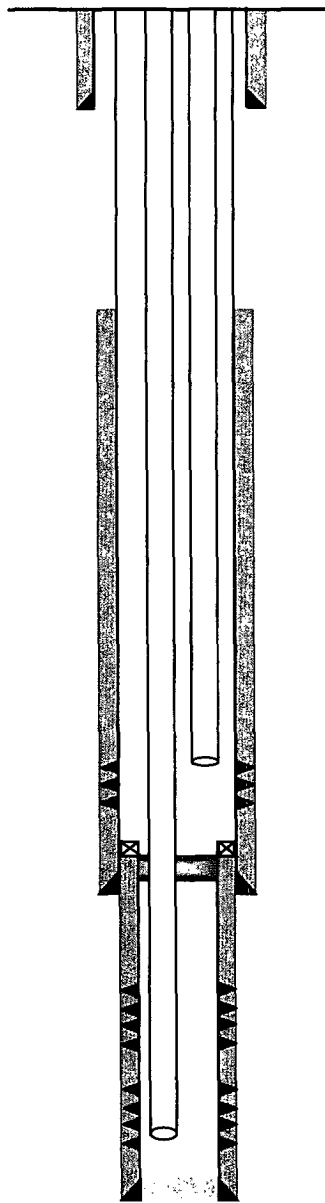
5214'-5624'
Frac w/ 55,000# sand
110,000 gal. water
5706'-6064'
Frac w/ 81,000# sand
181,000 gal. water

Rat hole

124'

SAN JUAN 27-5 UNIT 21A
T027N R005W Section 003 Unit I
1800 FSL & 810 FEL
RIO ARriba COUNTY, NM
GL 6683' KB 10'

Current Wellbore



PBDT 6156'
TD 6173'

API Number: 30039218820000
MV AIN: 5335202
PC AIN: 5335201
MV Meter: 85284
PC Meter: 85285

FORMATION TOPS:

Ojo Alamo 2,883'
Kirtland 3,072'
Fruitland Coal 3,290'
Pictured Cliffs 3,534'
Chacra 4,183'
Mesa Verde 5,206'
Menefee 5,373'
Point Lookout 5,701'

Production Tubing PC

112 jts 1-1/4" 2.33# wp-55 10rd
Set @ 3607'

Production Tubing MV

193 jts 2-3/8" 4.7# j-55 8rd
Set @ 6032'

Packer set @ 3736'

8/30/2006

SPUD DATE: 10/13/79
 COMPLETION DATE: 10/7/80
 0
 MV & PC

Latitude N36 36.014
 Longitude W107 20.324

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 Cement to surface 190 sx

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 7" 20# k-55 8rd
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 T027N R005W Section 003 Unit I
 1800 FSL & 810 FEL
 RIO ARriba COUNTY, NM
 GL 6683' KB 10'

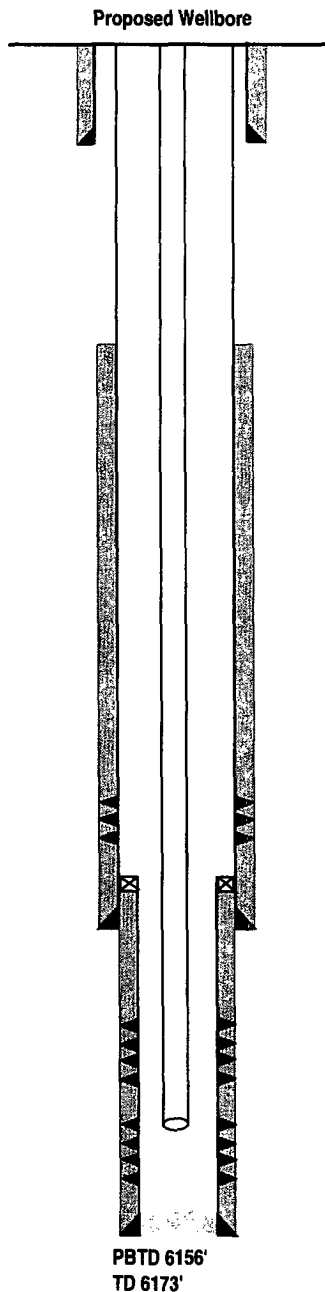
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 MV AIN: 5335202
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 PC Meter: 85285

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Proposed Tubing String:

(1) 2-3/8" saw tooth collar
 (1) 2-3/8" by 1.78 ID seating nipple
 (1) jt. 2-3/8" 4.7# J-55 EUE 8rd
 (1) 2' by 2-3/8" pup jt.
 (189 +/-) jts. 2-3/8" 4.7# J-55 EUE 8rd
 Land at 5800' +/-



8/30/2006