

San Juan 27-5 Unit #108

Current
DPNO 51660A

Basin Dakota
1460' FSL, 1150' FEL

SE Section 15, T-27-N, R-6-W, Rio Arriba County, NM

Lat/Long.: 36.569855 / 107.339920

Today's Date: 8/5/96
Spud: 7/1/67
Completed: 8/16/67
Elevation: 6618' (GL)
N/A (KB)
Logs: IES, GDC,
Temp. Survey
Workovers:
Nov, 1981 & Jun, 1996

Nacimiento @ 1600'

Ojo Alamo @ 2801'

Kirtland @ 3000'

Fruitland @ 3210'

Pictured Cliffs @ 3450'

Mesaverde @ 5164'

Gallup @ 6320'

Greenhorn @ 7517'
Graneros @ 7577'

Dakota @ 7728'

13-3/4" hole

8-3/4" hole

7-7/8" hole

9-5/8", 32.3#, H-40, 8rd, Csg set @ 337',
Cmt w/200 sx (Circulated to Surface)

WORKOVER HISTORY

Nov '81: Pull tbg; set packer at 7552',
land tbg at 7812'.

Jun '96: Pull tbg and pkr; set RBP at
4012'; isolate csg leaks at 631', 1821',
2455'; Pull RBP; with pkr, retest csg
leaks at 1441', 1472', 1504', 1821'; LD
pkr, to many leaks to fix; set CIBP at
7562'; land tbg at 7526'

TOC @ 2568' (TS)

237 jts, 2-3/8", 4.7#, J-55 tbg @ 7526'

DV Tool @ 3576'
Cmt w/359 cf (185 sx)

TOC @ 4898' (Calc, 75%)

DV Tool @ 5821'
Cmt w/378 cf (195 sx)
Changed Drill bits from 8-3/4" to 7-7/8" @ 5977'

TOC @ 6682' (Calc, 75%)

CIBP @ 7562' (1996)

Dakota Perforations:
7612' - 7828', Total 80 holes

4-1/2", 10.5 & 11.6#, J-55, Csg set @ 7880',
Cmt w/364 cf (290 sx)

PBTD 7848'

TD 7880'

Initial Potential

Initial AOF: 6457 Mcfd (8/67)
Current SICP: 742 psig (5/81)

Production History

Cumulative: 752.7 MMcf
Current: 0.0 Mcfd

Gas

Oil

4.9 Mbo
0.0 bbls/d

Ownership

GW: 55.00%
NRI: 46.03%
TRUST: 00.00%

Pipeline

WFS

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

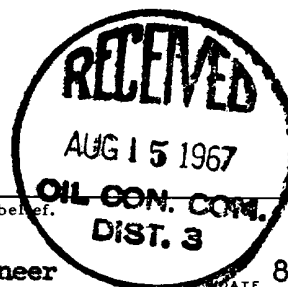
5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name San Juan 27-5 Unit
8. Farm or Lease Name San Juan 27-5 Unit
9. Well No. 108
10. Field and Pool, or Wildcat Basin Dakota
12. County Rio Arriba

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)</small>	
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	
2. Name of Operator El Paso Natural Gas Company	
3. Address of Operator P. O. Box 990, Farmington, New Mexico	
4. Location of Well UNIT LETTER I , 1460 FEET FROM THE South LINE AND 1150 FEET FROM THE East LINE, SECTION 15 TOWNSHIP 27-N RANGE 5-W NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 6618' GL	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER Sandwater fracture <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 7-1-67: Spudded well, drilled surface hole.
- 7-2-67: Ran 10 joints 9 5/8", 32.30#, H-40 casing, 325' set at 337' w/200 sacks cement circulated to surface. W.O.C. 12 hrs., tested w/600#/30 minutes. O.K.
- 7-24-67: T. D. 7880'. Ran 242 joints 4 1/2", 11.6 & 10.5#, J-55 casing, 7870' set at 7880'. F. C. @ 7848', 2nd stage tool at 5821', 3rd stage tool at 3576'. Cemented 1st stage w/290 sacks cement, 2nd stage w/195 sacks, 3rd stage w/185 sacks. W.O.C. 18 hrs.
- 7-24-67: P.B.T.D. 7848', tested casing to 4000#, O.K. Spotted 500 gallon 7 1/2% regular acid. Perf Dakota 7612-32', 7730-50', 7784-94', 7808-28' w/20 SPZ. Frac w/47,000# 40/60 sand, 46,620 gallon water, max pr 4000#, BDP 1000#, tr pr 4000-4000-4000#. I.R. 26 BPM. Dropped 2 sets of 20 balls each, flushed w/5,500 gallon water. ISIP 2200#, 30 minute 1600#.



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

Original Signed **F. H. WOOD**
SIGNED _____ TITLE **Petroleum Engineer** DATE **8-10-67**

APPROVED BY **Emmy C. Curry** TITLE **SUPERVISOR DIST. #3** DATE **AUG 15 1967**
CONDITIONS OF APPROVAL, IF ANY: