

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME San Juan 32-5 Unit
2. NAME OF OPERATOR El Paso Natural Gas Company <i>Mexican Oil</i>	8. FARM OR LEASE NAME San Juan 32-5 Unit
3. ADDRESS OF OPERATOR P.O. Box 4289 Farmington, New Mexico 87499	9. WELL NO. 100
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1765'S, 1485'W	10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T32N, R6W NMPM
15. ELEVATIONS (Show whether OP, RT, GR, etc.) 6331'GL	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETION ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-09-88 Operations have changed as per attached revised operations plan.

RECEIVED
NOV 15 1988
OIL CON. DIV.
DIST. 3

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

SIGNED

TITLE

Regulatory Affairs

DATE

11-8-88

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

NOV 10 1988

AREA MANAGER

*See Instructions on Reverse Side

Operations Plan
San Juan 32-5 Unit #100

Revised 11/9/88

I. Location: 1765'S, 1485'W, Sec. 23, T-32-N, R-6-W, Rio Arriba Co., NM
Field: Basin Fruitland Coal Elevation: 6342' GL

II. Geology:

A. Foramtion Tops: Surface San Jose Fruitland Top 2962'
Ojo Alamo 2257' Fruitland Base 3052'
Kirtland 2372' Total Depth 2980'TVD
Fruitland Sand 2757'

B. Logging Program: Mud logs from 2000' to TD
Gamma ray from 2389' to TD

C. Coring: none

III. Drilling:

A. Mud Program: Mud from surface to total depth. The well will be drilled vertically to a kick off point of 2389'. The well will be kicked off at 12°/100' build rate to allow a high angle penetration of the Fruitland Coal interval.

B. Wellbore location table:

<u>Measured</u> <u>Depth(Ft)</u>	<u>True Vert.</u> <u>Depth(Ft)</u>	<u>Direction</u> <u>(True N)</u>	<u>Horizontal</u> <u>Displacement</u>	<u>Hole</u> <u>Size</u>	<u>Notes</u>
0.0	0.0			12 1/4"	
700.0	700.0			12 1/4"	Set 9 5/8", 32.3# H-40 csg. Drill out w/8 3/4" bit
2389.0	2389.0			8 3/4"	KOP
2764.0	2727.0	180°	140.0	8 3/4"	Build 12°/ 100' to 45°
2899.0	2822.0	180°	235.0	8 3/4"	Tangent section 135'
3266.0	2962.0	180°	565.0	8 3/4"	Intersect coal top @ 89°
4301.0	2980.0	180°	1600.0	8 1/2"	End of lateral

IV. Materials:

A. Csg. Program:	<u>Hole Size</u>	<u>Meas.Depth</u>	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
	12 1/4"	700'	9 5/8"	32.3#	H-40
	8 3/4"	3266'	7"	20.0#	K-55
Liner	8 1/2"	3100'-4301'	5"	15.0#	K-55

B. Float Equipment: 9 5/8" surface casing - Saw Tooth guide shoe

7" intermediate csg - guide shoe on bottom centralizers every joint from 3266' MD to 2389' MD. External csg packer, landing collar and stage tool set @ 3266' MD. Drop plug, inflate external csg. packer, open stage tool and cement 7" casing. 5" production liner - cement nose float shoe.

C. Tubing: 4301' of 2 7/8", 6.5#, J-55 8rd EUE tbg with a seating nipple one joint off bottom and expendable check valve on bottom.

D. Wellhead Equipment: 9 5/8" x 11" 3000 psi xmas tree assembly.

V. Cementing:

9 5/8 surface casing - use 400 sx. Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (472 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 1000 psi/30 minutes.

7" intermediate casing - use 300 sx. 65/35 Class "B" Poz with 6% gel, 2% calcium chloride and 1/4 cu.ft. Perlite/sx, followed by 230 sx. Class "B" with 2% calcium chloride (986 cu.ft. of slurry, 100% excess to circulate surface). Run temperature survey at 8 hours. WOC 18 hours.