

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
EL PASO NATURAL GAS CO.
3. ADDRESS OF OPERATOR
BOX 990, FARMINGTON, NEW MEXICO
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1670'N, 1150'W
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☒
FRACTURE TREAT	☐	☒
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other)	☐	☐

5. LEASE
NM 013688
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
ATLANTIC COM
9. WELL NO.
3A
10. FIELD OR WILDCAT NAME
BIANCO MESA VERDE
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24, T-31-N, R-10-W
NMPM
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6415' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

7/25/77: T.D. 3580'. Ran 87 joints 7", 20#, K-55 intermediate casing, 3569' set at 3580'. Cemented with 448 cu.ft. cement. WOC 12 hours, held 1200#/30 minutes. Top of cement at 3000'.

7/28/77: T.D. 5830'. Ran 57 joints 4 1/2", 10.5#, K-55 casing liner, 2387' set 3443-5830'. Float collar set at 5813'. Cemented with 420 cu.ft. cement. WOC 18 hours.

10/23/77: PBTD 5813'. Tested casing to 3500#, OK. Perfed C.H. 4743-49, 4883-87, 4968-74, 4985-92, 5053-77, 5096-5105, 5159-73, 5187-96' w/16 SPZ. Fraced with 63,000#, 20/40 sand and 63,000 gallons water. Dropped 7 sets of 16 balls each. Flushed with 6770 gallons water. Perfed upper P.L. 5284-5301, 5312-22, 5424-45, 5460-77, 5511-29, 5561-69, 5594-5608' w/16 SPZ (over)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

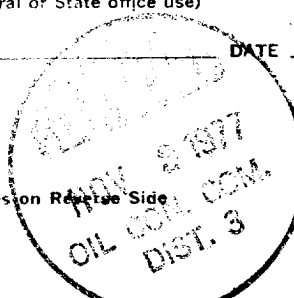
SIGNED J. G. Hines TITLE Drilling Clerk DATE 10/24/77

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

*See Instructions on Reverse Side



NOV 1 1977

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of paring of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Fraced with 105,000# 20/40 sand and 105,000 gallons water. Dropped 6 sets of 16 balls each. Flushed with 7100 gal. water. Perfed Lower P.L. 5633-46,5663-71,5683-95,5707-21,5732-42,5771-79' w/14 SPZ. Fraced with 49,000# 20/40 sand and 49,200 gallons water. Dropped 4 sets of 14 balls each. Flushed with 7350 gal. water.

GPO : 1976 O - 214-149

OPEN FLOW TEST DATA

DATE November 5, 1977

Operator El Paso Natural Gas Company		Lease Atlantic Com #3-A	
Location NW 24-31-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5830'	Tubing: Diameter 2 3/8	Set At: Feet 5765'
Pay Zone: From 4743	To 5779	Total Depth: PBD 5830 5813	Shut In 10-31-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
719	731	10	721	733	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	n =		F _{pv} (From Tables)	Gravity F _g =	

$$\text{CHOKE VOLUME} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

$$Q = \text{_____ MCF/D}$$

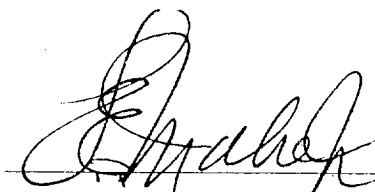
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\text{_____} \right)^n =$$

$$Aof = \text{_____ MCF/D}$$

TESTED BY Jim Thurstonson

WITNESSED BY _____


 Well Test Engineer