

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse 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"/>	5. LEASE DESIGNATION AND SERIAL NO. NM-03541
2. NAME OF OPERATOR El Paso Natural Gas Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1025'S, 530'E	8. FARM OR LEASE NAME Hancock
14. PERMIT NO.	9. WELL NO. 6M
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6387' GL SOURCE AREA	10. FIELD AND POOL, OR WILDCAT Blanco MV/Basin Dk
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T-28-N, R-9-W NMPM
	12. COUNTY OR PARISH San Juan
	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.)

This location was previously permitted as the Hancock #2A, which was approved to drill on July 9, 1985. Due to a change of plans, it is intended to drill this location as a Mesa Verde - Dakota dual which changed the name to the Hancock #6M. The new casing program is as follows:

Hole Size	Csg.	Wt.	Depth	Cement
17 1/2"	13 3/8"	48.0#	200'	278 cu.ft.circ. surface
12 1/4"	9 5/8"	40.0#	2775'	888 cu.ft.cover Ojo Alamo
8 3/4"	7"	23.0#	2625-5400'	709 cu.ft. circ. liner
6 1/4"	4 1/2"	11.6#	5250-7070'	324 cu.ft. circ. liner

Attached is a revised plan of operations, and a well location plat showing the Mesa Verde and Dakota dedication and the name change. Application has been made with New Mexico Oil Conservation Division for unorthodox location for the Dakota formation.

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

SIGNED Peggy Deal

TITLE Drilling Clerk

DATE July 17, 1985

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED
AUG 02 1985

DATE _____

M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCC

Operations Plan - EPNG Hancock #6M

I. Location: 1025'S, 530'E, Sec.29,T-28-N,R-09-W, San Juan Co., NM

Field: Blanco MV/Basin Dk

Elevation: 6387'GL

II. Geology

A. Formation Tops:	Surface	San Jose	Menefee	4160'
	Ojo Alamo	1360'	Pt. Lookout	4800'
	Kirtland	1580'	Gallup	5300'
	Fruitland	2290'	Greenhorn	6750'
	Pictured Cliffs	2510'	Graneros	6810'
	Lewis	2575'	Dakota	6925'
	Mesa Verde	4070'	Total Depth	7070'

B. Logging Program: GR-Ind, GR-Density at TD..

C. Coring Program: none.

D. Natural Gauges: 4100', 4790', 4950', 5975', 6810', 6915' and at Total Depth. Also gauge any noticeable increase in gas. Record all gauges in daily drilling report and on morning report.

III. Drilling:

A. Mud Program: Mud from surface to 2775'. Gas from intermediate to Total Depth.

IV. Materials:

A. Casing Program:	<u>Hole Size</u>	<u>Depth</u>	<u>Csg.Size</u>	<u>Wt.&Grade</u>
	17 1/2"	200'	13 3/8"	40.0#H-40
	12 1/4"	2775'	9 5/8"	40.0#N-80
	8 3/4"	2625-5400'	7"	23.0#N-80
	6 1/4"	5250-7070'	4 1/2"	11.6#N-80

B. Float Equipment: 13 3/8" surface casing - guide shoe.

9 5/8" intermediate casing - guide shoe and differential automatic fill up float collar. 5 rigid centralizers, one every other joint above shoe. Run float two joints above shoe.

7" liner - 7" liner hanger with neoprene packoff. Geyser shoe and flapper type float collar. Four centralizers, one each on every other joint above shoe.

4 1/2" liner - 4 1/2" liner hanger with neoprene packoff. Geyser shoe and flapper type float collar.

C. Tubing: 5400' of 1 1/2", 2.9#, J-55 EUE 10rd tubing with a perf sub and common pump seating nipple one joint above bottom. Bottom joint to be bull plugged.

7070' of 2 3/8", 4.7#, J-55 EUE 8rd tubing open ended on bottom with common pump seating nipple and pump out plug one joint above bottom..

D. Wellhead Equipment: 12" 3000 x 13 3/8" casing head. 12" 3000 x 10" 3000

Operations Plan - EPNG Hancock #6M

V. Cementing:

13 3/8" surface casing - use 236 sks. Class "B" cement with 1/4# gel-flake per sack and 3% calcium chloride (224 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600#/30 minutes.

9 5/8" intermediate casing - use 475 sks. 65/35 Class "B" Poz with 6% gel, 2% calcium chloride (8.3 gallons water per sack) followed by 100 sks. Class "B" with 2% calcium chloride (888 cu.ft. of slurry, 100% excess to cover Ojo Alamo). Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1200#/30 minutes.

5 1/2" liner - precede cement with 30 bbls. gel water (3 sks. gel). Cement with 510 sks. 50/50 Class "B" Poz with 2% gel, 6.15# gilsonite, 1/4# flocele and 0.6% Halad 9 (or equivalent fluid loss additive (709 cu.ft. of slurry, 70% excess to circulate liner). WOC 12 hours. Test casing to 1200#/30 minutes.

5 1/2" liner - precede cement with 40 bbls. gel water (4 sks. gel). Cement with 95 sks. Class "B" cement w/8% gel, 1/4 cu.ft. fine gilsonite per sack and 0.4% HR-7 followed by 100 sks. Class "B" cement with 1/4# fine tuf-plug per sack and 0.4% HR-7 (324 cu.ft. of slurry, 70% excess to fill to circulate liner). WOC 18 hours.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-55

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

Operator EL PASO NATURAL GAS COMPANY		Lease HANCOCK (NM 03541)		Well No. 6M
Unit Letter P	Section 29	Township 28N	Range 9W	County San Juan
Actual Footage Location of Well: 1025 feet from the South line and 530 feet from the East line				
Ground Level Elev: 6287	Producing Formation Mesa Verde /Dakota		Pool Blanco/Basin	Dedicated Acreage: 320/320 Acres

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 _____

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. This plat is reissued to show name change and addition of Dakota form.

7-11-85

Sec.		<p>RECEIVED AUG 06 1985 OIL CON. DIV. DIST. 3</p>	
<p>29</p>		<p>530'</p> <p>1025'</p>	

CERTIFICATION

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

Name **Drilling Clerk**
Position **El Paso Natural Gas**
Company **July 17, 1985**
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **May 3, 1985**
Registered Professional Engineer and Land Surveyor
Fred E. Kerr Jr.