

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <u>Order # 2-6830</u>				5. LEASE DESIGNATION AND SERIAL NO. SF 079393	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>Commingled</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company				7. UNIT AGREEMENT NAME San Juan 27-5 Unit	
3. ADDRESS OF OPERATOR P.O. Box 289, Farmington, NM 87401				8. FARM OR LEASE NAME San Juan 27-5 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990'N, 800'E At top prod. interval reported below At total depth				9. WELL NO. 59 (Commingled)	
14. PERMIT NO. <u>FARMINGTON, N.M.</u> DATE ISSUED				10. FIELD AND POOL, OR WILDCAT Bas. Dak. & Blanco MV	
15. DATE SPUNDED 11-6-61; 16. DATE T.D. REACHED 12-5-61; 17. DATE COMPL. (Ready to prod.) 12-20-61; 3-5-82				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 6, T-27-N, R-5-W NMPM	
18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 6494' GL				12. COUNTY OR PARISH Rio Arriba	
19. ELEV. CASINGHEAD				13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 7870'		21. PLUG, BACK T.D., MD & TVD 7750'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5092'-7716' (MV&Dak)	
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN IND; Scintillometer; Temp. Survey	
27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9 5/8"		32.3#		293'	
4 1/2 & 5 1/2"		11.6 & 15.5#		7869'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13 3/4"		200		3 1/2" place	
8 3/4"		440			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		7715'			
31. PERFORATION RECORD (Interval, size and number)					
7652-58, 7670-76, 7682-88, 7698-7704, 7710-16' 7500-08, 7530-38, 7608-16, 7622-30 5490-98', 5508-12, 5524-28, 5550-54, 5560-64, 5588-96' 5092-5104, 5110-16, 5132-38'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5092'-5138'		35,400 gal. wtr. & 40,000# sd.			
5490'-5596'		60,000 gal. wtr. & 60,000# sd.			
7500'-7530'		42,000 gal. wtr. & 50,000# sd.			
7652'-7716'		52,333 gal. wtr. & 25,000# sd.			
33. PRODUCTION					
DATE FIRST PRODUCTION: 2-21-82 c/o date		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing/ After Frac Gauge 158 MCF/D			WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 3-5-82		HOURS TESTED SI 11 days		CHOKE SIZE 0	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 0		GAS—MCF. 0	
WATER—BBL. 0		GAS-OIL RATIO 0			
FLOW. TUBING PRESS. SI 317		CASING PRESSURE SI 577		CALCULATED 24-HOUR RATE →	
OIL—BBL. no flow		GAS—MCF. no flow		WATER—BBL. no flow	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut-In to be Sold					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					

ACCEPTED FOR RECORD

TEST WITNESSED BY  
Mel Wileman

MAY 19 1982

DISC 3

SIGNED

H. P. Busco

TITLE

Drilling Engineer

DATE

May 12, 1982

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**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 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.

## 38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2594'		
Kirtland	2771'		
Fruitland	3028'		
Pic. Cliffs	3295'		
Lewis	3365'		
Cliff House	4965'		
Menefee	5140'		
P.L.	5487'		
Mancos	5654'		
Gallup	6474'		
Greenhorn	7404'		
Graneros	7462'		
Dakota	7592'		
Morrison	7838'		



**LTR**



**Job separation sheet**

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

*Posted to Kiersey card*

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 7385  
Order No. R-6830

APPLICATION OF EL PASO NATURAL GAS COMPANY  
FOR DOWNHOLE COMMINGLING, RIO ARRIBA  
COUNTY, NEW MEXICO.



ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on October 21, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets..

NOW, on this 24th day of November, 1981, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, El Paso Natural Gas Company, is the owner and operator of the San Juan 27-5 Unit Well No. 59, located in Unit A of Section 6, Township 27 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.

(3) That the applicant seeks authority to commingle Blanco-Mesaverde and Basin-Dakota production within the wellbore of the above-described well.

(4) That from the Blanco-Mesaverde zone, the subject well is capable of low rates of production only.

(5) That from the Basin-Dakota zone, the subject well is capable of low rates of production only.

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Case No. 7385

Order No. R-6830

(6) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(7) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that the well is not shut-in for an extended period.

(8) That to afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec district office of the Division any time the subject well is shut-in for 7 consecutive days.

(9) That in order to allocate the commingled production to each of the commingled zones in the subject well, 66 percent and 100 percent of the commingled gas and oil production, respectively, should be allocated to the Blanco-Mesaverde zone, and 34 percent of the commingled gas production to the Basin-Dakota zone.

IT IS THEREFORE ORDERED:

(1) That the applicant, El Paso Natural Gas Company, is hereby authorized to commingle Blanco-Mesaverde and Basin-Dakota production within the wellbore of the San Juan 27-5 Unit Well No. 59, located in Unit A of Section 6, Township 27 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.

(2) That 66 percent and 100 percent of the commingled gas and oil production, respectively, shall be allocated to the Blanco-Mesaverde zone and 34 percent of the commingled gas production shall be allocated to the Basin-Dakota zone.

(3) That the operator of the subject well shall immediately notify the Division's Aztec district office any time the well has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

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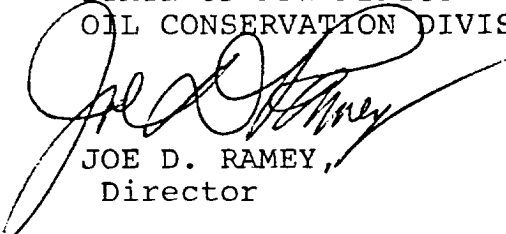
Case No. 7385

Order No. R-6830

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

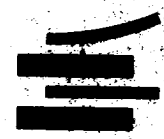


JOE D. RAMEY,  
Director

S E A L



**LTR**



**Job separation sheet**

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES DESIRED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.D.A.	
LAND OFFICE	
TRANSPORTER	<input type="checkbox"/> OIL
	<input type="checkbox"/> GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
El Paso Natural Gas Company

Address  
P. O. Box 4289, Farmington, NM 87499

Reason(s) for filing (Check proper box):  
☐ New Well  
☐ Recompletion  
☐ Change in Ownership  
☐ Change in Transporter or:  
☐ Oil  
☐ Gas  
☒ Condensate  
☐ Other (Please explain):

If change of ownership give name and address of previous owner:

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 27-5 Unit	Well No. 59	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State (Federal or Fee)	Lease No. SF 079393
Location Unit Letter A : 990 Feet From The North Line and 800 Feet From The East Line of Section 6 Township 27N Range 5W, NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS


Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Meridian Oil Inc.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1599, Aztec, New Mexico 87410
Name of Authorized Transporter of Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Northwest Pipeline Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 8900, Salt Lake City, Utah 84110
If well produces oil or liquids, give location of tanks. Unit A Sec. 6 Twp. 27N Rge. 5W	Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE


I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

  
(Signature)  
Drilling Clerk  
(Title)

RECEIVED  
JUN 11 1986

OIL CON. DIV.  
DIST. 3

OIL CONSERVATION DIVISION  
JUN 11 1986

APPROVED   
BY SUPERVISOR DISTRICT 3  
TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.