

# El Paso Natural Gas Company

El Paso, Texas 79978

April 26, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON NEW MEXICO 87401



Mr. Jerry Long  
U. S. Geological Survey  
Post Office Box 1809  
Durango, Colorado 81301

Re: Application For Permit to Drill  
Canyon Largo Unit #279  
NE NE/4 Section 14, T-25-N, R-6-W  
Basin Dakota

Dear Mr. Long:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

The proposed new well location, new roads and new pipeline are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from the following location:

Water Well - SE/4 Section 3, T-25-N, R-6-W

Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed, if applicable.

Yours very truly,

D. G. Brisco  
Drilling Clerk

tm

11

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 078884	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME Canyon Largo Unit	
3. ADDRESS OF OPERATOR P. O. Box 990, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Canyon Largo Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790'N, 1140'E At proposed prod. zone		9. WELL NO. 279	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-25-N, R-6-W N.M.P.M.	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6659' G.L.		22. APPROX. DATE WORK WILL START*	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	9-5/8	32.3	200'	224 cu ft to Circ. to Surface
8-3/4	-----	----	5380'	
7-7/8	4-1/2	10.5 & 11.6	7210'	1817 cu ft

## Production Casing Cementing:

1st stage - 345 cu ft to Cover Gallup  
2nd stage -1472 cu ft to Cover OJO Alamo

Selectively perforate &amp; sand water fracture the Dakota Formation.

The E/2 of Section 14 is dedicated to this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED A. G. Buico TITLE Drilling Clerk DATE April 26, 1974

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

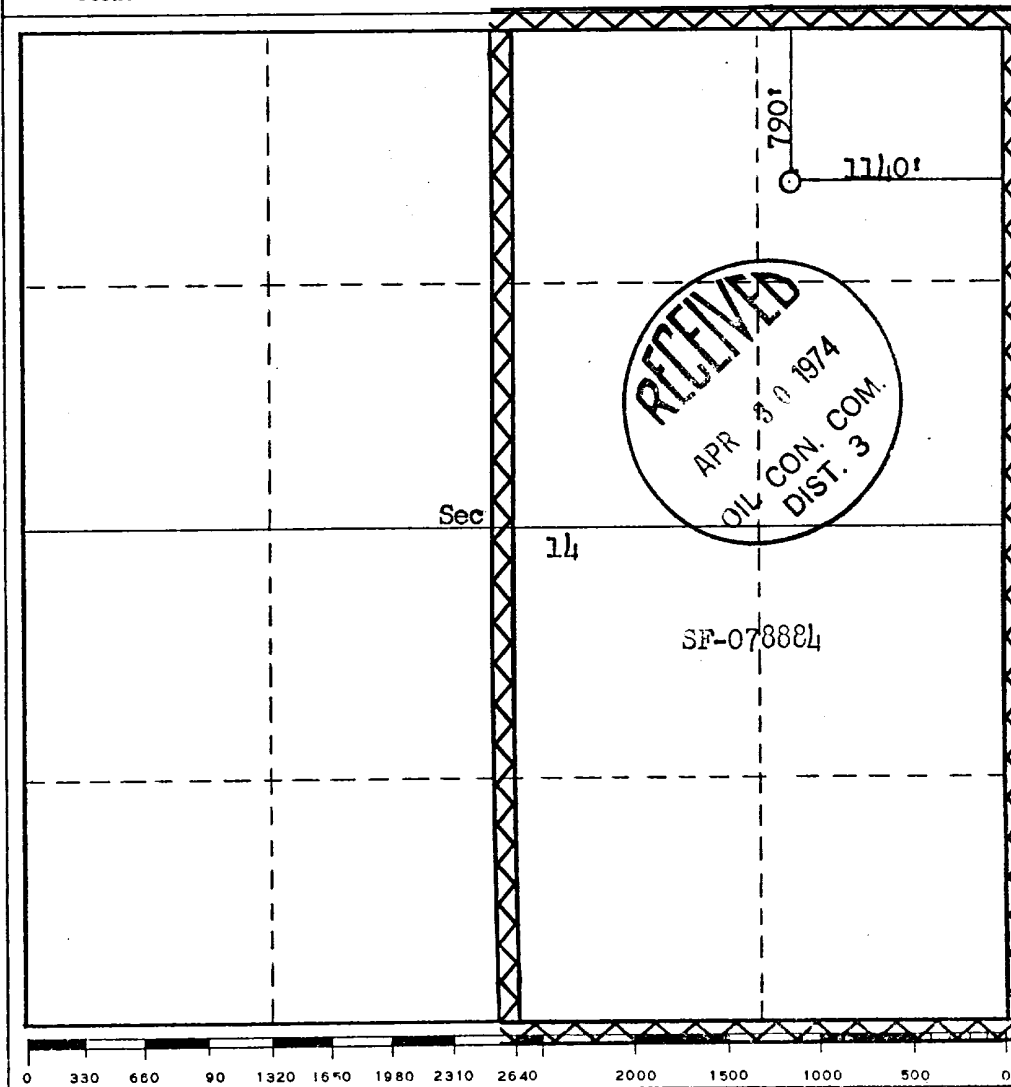
Operator <b>El Paso Natural Gas Company</b>			Lease <b>Canyon Largo Unit (SF-078884)</b>		Well No. <b>279</b>
Unit Letter <b>A</b>	Section <b>14</b>	Township <b>25N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>North</b> line and <b>1140</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6659</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320.00</b> 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 **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

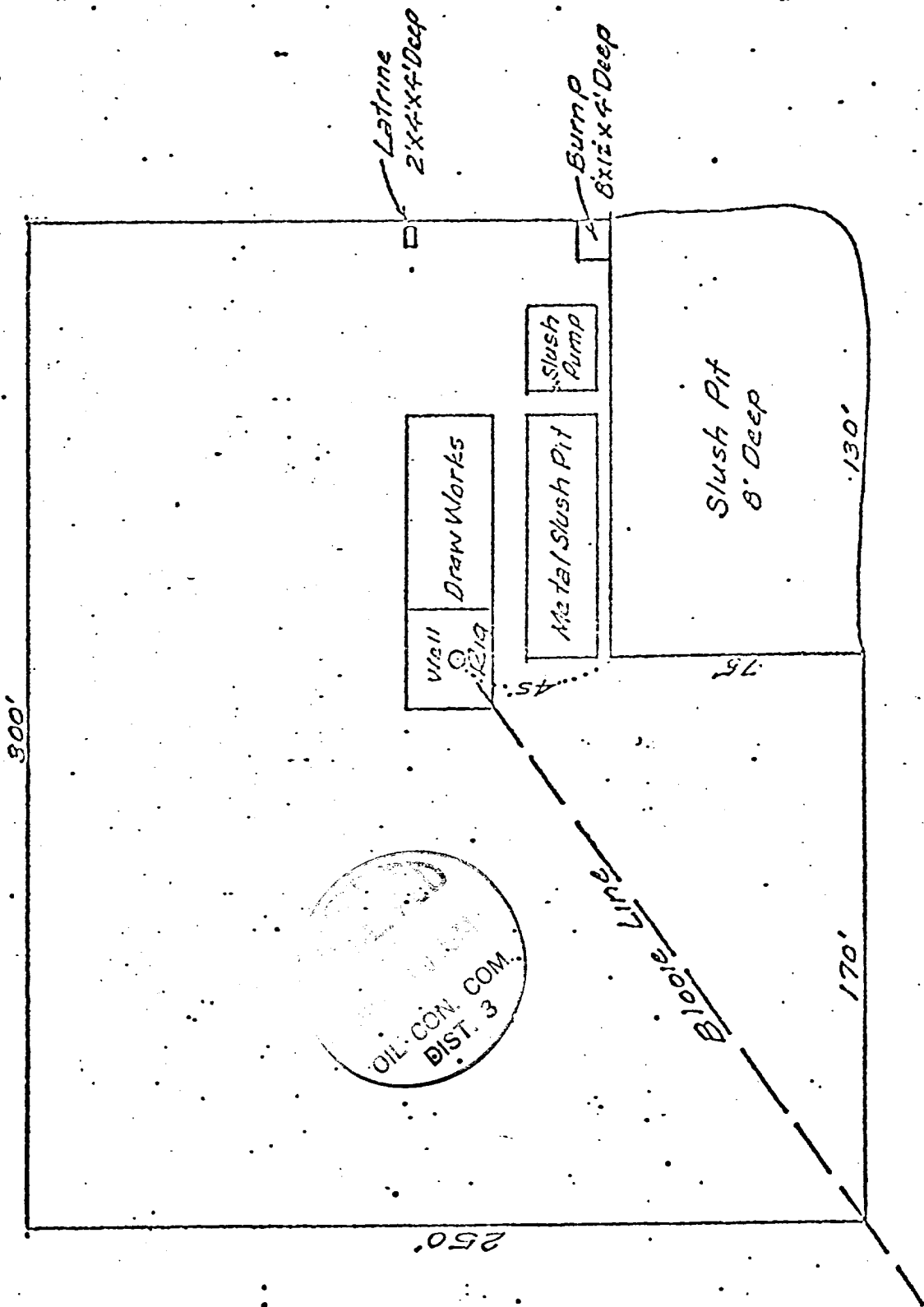
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



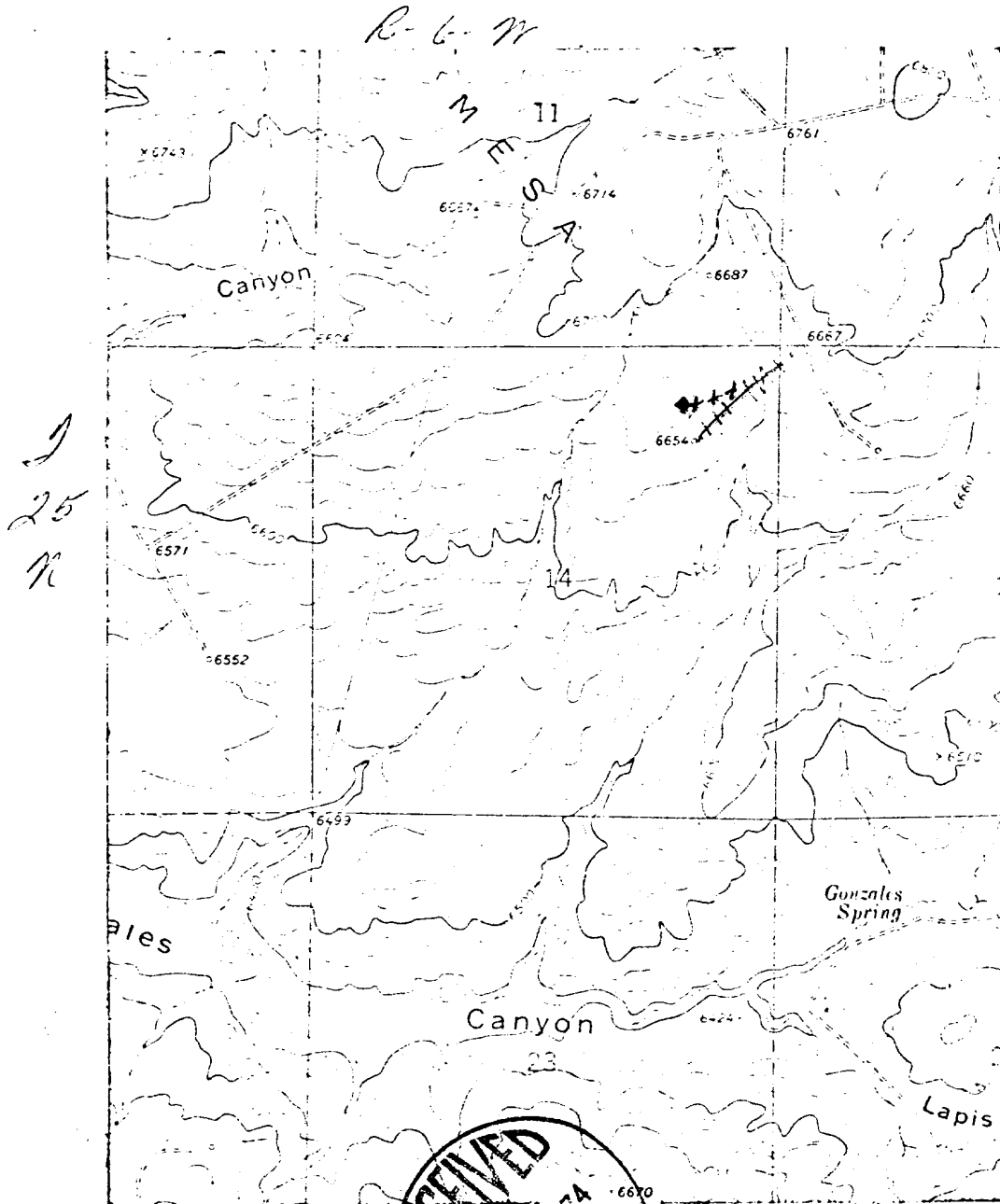
<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Original Signed by <b>D. G. Brisco</b>	
Name	<b>Drilling Clerk</b>
Position	<b>El Paso Natural Gas Company</b>
Company	<b>April 26, 1974</b>
Date	
I hereby certify 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	<b>April 15, 1974</b>
Registered Professional Engineer and/or Land Surveyor <i>[Signature]</i> <b>Fred B. Kerr Jr.</b>	
Certificate No.	<b>3950</b>

CANADIAN LAGO # 279  
NE 1/4 Sec 14 T-25-N R-6-W

W



Canyon Largo Unit # 279  
 NE 1/4 Sec. 14, T-25-N, R-6-W



# LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS	—————
EXISTING PIPELINES	- - - - -
EXISTING ROAD & PIPELINE	- - - - -
PROPOSED ROADS	—————
PROPOSED PIPELINES	+ + + + +
PROPOSED ROAD & PIPELINE	+ + + + +

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

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		5. LEASE DESIGNATION AND SERIAL NO. SF 078884
2. NAME OF OPERATOR El Paso Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico 87401		7. UNIT AGREEMENT NAME Canyon Largo Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  790'N, 1140'E		8. FARM OR LEASE NAME Canyon Largo Unit
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6659' G.L.	9. WELL NO. 279
		10. FIELD AND POOL, OR WILDCAT Basin Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-25-N, R-6-W N.M.P.M.
		12. COUNTY OR PARISH Rio Arriba
		13. STATE New Mexico

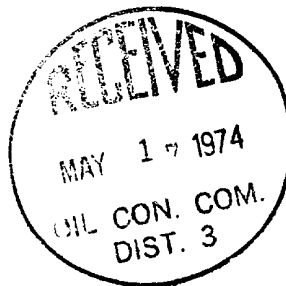
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <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.)\*

5-10-74: Spudded well. Drilled surface hole.

5-11-74: Ran 6 joints 9-5/8", 32.3# H-40 surface casing, 211' set at 224'.  
Cemented with 224 cu. ft. cement. Circulated to surface.  
Waiting on cement 12 hours; held 600#/30 minutes.



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

SIGNED W. D. Lisco TITLE Drilling Clerk DATE May 13, 1974

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**B. & R.  
SERVICE, INC.**

**TEMPERATURE SURVEY**

COMPANY EL PASO NATURAL GAS CO.

WELL 85 (PC) LEASE SAN JUAN 27-4 UNIT

COUNTY RIO ARRIBA STATE NEW MEXICO

SEC. SE 27 TWP. 27 RGE. 4

APPROX. TOP CEMENT 3175'

Survey Begins at 3000' Ft. Ends at 4188' Ft.

Approx. Fill-Up                      Max. Temp.                     

Log Measured From KB Run No. 1

Casing Size	Casing Depth	Diam of Hole	Depth
<u>2 7/8"</u> from <u>                    </u>	to <u>4198'</u>	<u>6 3/4"</u> from <u>                    </u>	to <u>4198'</u>
from <u>                    </u>	to <u>                    </u>	from <u>                    </u>	to <u>                    </u>

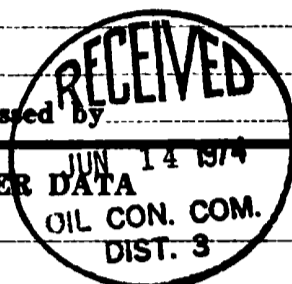
Date of Cementing 6-2-74 Time 7:50 AM

Date of Survey 6-2-74 Time 7:50 PM

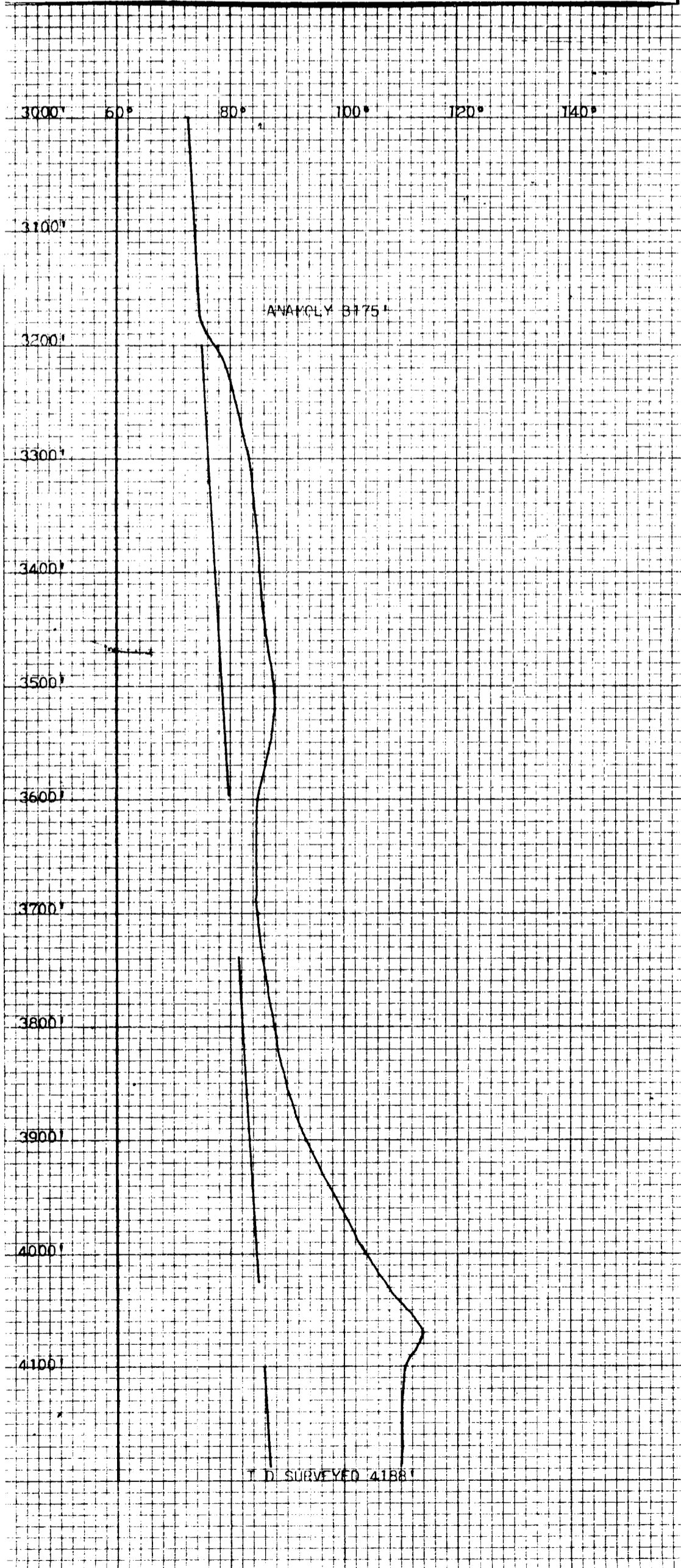
Amount of Cement                     

Recorded by WILSON Witnessed by                     

REMARKS OR OTHER DATA



**TEMPERATURE IN DEGREES FAHRENHEIT**



**B. & R.  
SERVICE, INC.**

**TEMPERATURE SURVEY**

COMPANY.....EL PASO NATURAL GAS CO.....  
WELL.....279.....(Dak).....LEASE.....CANYON LARGO UNIT.....  
COUNTY.....RIO ARriba.....STATE.....NEW MEXICO.....  
SEC.....NE 14.....TWP.....25.....RGE.....6.....

APPROX. TOP CEMENT.....2300'.....

Survey Begins at 1500' Ft. Ends at 5150' Ft.  
Approx. Fill-Up Max. Temp.  
Log Measured From KB Run No. 1

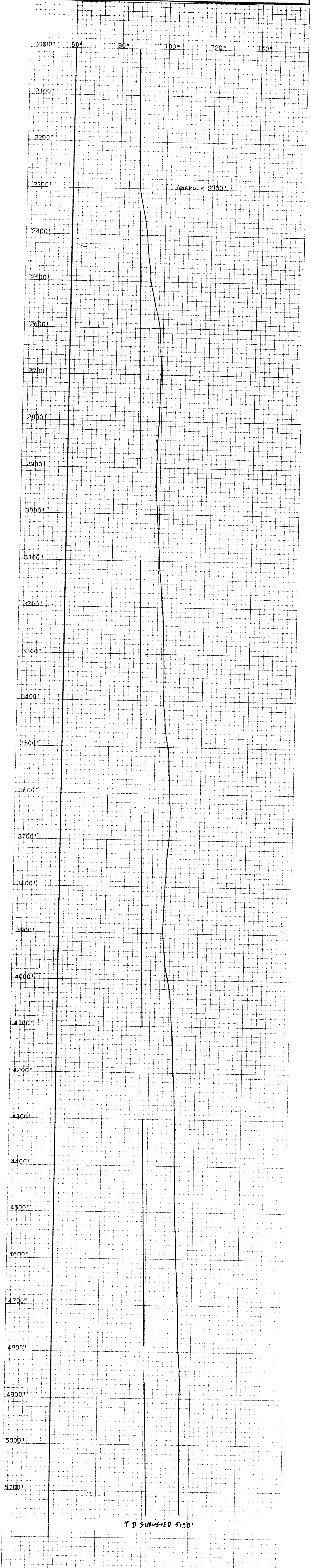
Casing Size	Casing Depth	Diam of Hole	Depth
4 1/2" from	to 7228'	7 1/4" from	to 7228'
from	to	from	to

Date of Cementing 5-29-74 Time 11:00 AM  
Date of Survey 5-29-74 Time 11:00 PM  
Amount of Cement

Recorded by WILSON Witnessed by

REMARKS OR OTHER DATA 14 1974  
OIL CON. COM.  
DIST. 3

TEMPERATURE IN DEGREES FAHRENHEIT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

SF078884  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR  
P. O. Box 990, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
790'N, 1140'E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6659'GL

7. UNIT AGREEMENT NAME  
Canyon Largo Unit

8. FARM OR LEASE NAME  
Canyon Largo Unit

9. WELL NO.  
279

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
Sec. 14, T-25-N, R-6-W  
N.M.P.M.

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

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 COMPLETE ☐

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 perti-  
nent to this work.)\*

05-29-74 T.D. 7228'. Ran 220 joints 4 1/2" 10.5 and 11.6#, KS production casing; 7215'  
set at 7228'. Float collar set at 7213'. Stage tool set at 5193'. Cemented  
first stage with 360 cu. ft. cement; second stage with 1417 cu. ft. cement. WO  
18 hours. Top of cement at 2300'.

09-07-74 PBTD 7213'. Tested casing to 4000#--OK. Perf'd 6948', 6972', 7050', 7080',  
7098', 7130', 7167' with 1 shot per zone. Frac'd with 80,000# 40/60 sand and  
76,750 gallons treated water. Dropped no balls. Flushed with 5000 gallons  
water.



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

SIGNED A. G. Duce

TITLE Drilling Clerk

DATE September 9, 1974

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE September 19, 1974

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #279	
Location 790/N, 1140/E, Sec. 14, T25N, R6W		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7213'	Tubing: Diameter 1.990	Set At: Feet 7162'
Pay Zone: From 6948'	To 7167'	Total Depth: PBSD 7213' 7213'	Shut In 9-10-74
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12,365					
Shut-In Pressure, Casing, PSIG 2410	+ 12 = PSIA 2422	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 2119	+ 12 = PSIA 2131			
Flowing Pressure: P PSIG 147	+ 12 = PSIA 159	Working Pressure: P <sub>w</sub> PSIG 502	+ 12 = PSIA 514				
Temperature: T = 67 °F      F <sub>t</sub> = 0.9933	n = .75	F <sub>pV</sub> (From Tables) 1.017	Gravity .690      F <sub>g</sub> = 0.9325				

$$\text{CHOKE VOLUME} = Q = C \times P_1 \times F_1 \times F_a \times F_{b,v}$$

$$Q = 12,365(159)(0.9933)(0.9325)(1.017) = \frac{1852}{\text{MCF/D}}$$

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

$$\text{Aof} = Q \left( \frac{5866084}{5601888} \right)^n = 1852(1.0472)^{.75} = 1852(1.0352)$$

Note: The well blew a heavy fog of  
frac water and oil.

TESTED BY Jesse B. Goodwin

WITNESSED BY \_\_\_\_\_

Loren W. Fothergill  
Well Test Engineer

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 \*

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				<b>5. LEASE DESIGNATION AND SERIAL NO.</b> SF078884	
<b>b. TYPE OF COMPLETION:</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>	
<b>2. NAME OF OPERATOR</b> El Paso Natural Gas Company				<b>7. UNIT AGREEMENT NAME</b> Canyon Largo Unit	
<b>3. ADDRESS OF OPERATOR</b> P. O. Box 990, Farmington, NM 87401				<b>8. FARM OR LEASE NAME</b> Canyon Largo Unit	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*</b> At surface 790'N, 1140'E  At top prod. interval reported below  At total depth				<b>9. WELL NO.</b> 279	
<b>14. PERMIT NO.</b>				<b>10. FIELD AND POOL, OR WILDCAT</b> Basin Dakota	
<b>DATE ISSUED</b>				<b>11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA</b> Sec. 14, T-25-N, R-6-W N.M.P.M.	
<b>15. DATE SPUDDED</b> 05-10-74				<b>12. COUNTY OR PARISH</b> Rio Arriba	
<b>16. DATE T.D. REACHED</b> 05-28-74				<b>13. STATE</b> New Mexico	
<b>17. DATE COMPL. (Ready to prod.)</b> 09-19-74				<b>19. ELEV. CASINGHEAD</b>	
<b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*</b> 6659' GL					
<b>20. TOTAL DEPTH, MD &amp; TVD</b> 7228'		<b>21. PLUG BACK T.D., MD &amp; TVD</b> 7213'		<b>23. INTERVALS DRILLED BY</b>	
<b>22. IF MULTIPLE COMPL., HOW MANY*</b>				<b>ROTARY TOOLS</b>	
<b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*</b> 6948-7167' (DK)				<b>CABLE TOOLS</b>	
<b>25. WAS DIRECTIONAL SURVEY MADE</b> No					
<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b> IEL; CDL-GR; Temp. Survey				<b>27. WAS WELL CORED</b> No	
<b>28. CASING RECORD (Report all strings set in well)</b>					
<b>CASINO SIZE</b>		<b>WEIGHT, LB./FT.</b>	<b>DEPTH SET (MD)</b>	<b>HOLE SIZE</b>	<b>CEMENTING RECORD</b>
9 5/8"		32.3#	224'	13 3/4"	224 cu. ft.
4 1/2"		10.5&11.6#	7228'	8 3/4&7 7/8"	1777 cu. ft.
<b>29. LINER RECORD</b>					
<b>SIZE</b>	<b>TOP (MD)</b>	<b>BOTTOM (MD)</b>	<b>SACKS CEMENT*</b>	<b>SCREEN (MD)</b>	
<b>30. TUBING RECORD</b>					
<b>SIZE</b>	<b>DEPTH SET (MD)</b>	<b>PACKER SET (MD)</b>			
1 1/2"	7162'				
<b>31. PERFORATION RECORD (Interval, size and number)</b>					
6948', 6972', 7050', 7080', 7098', 7130', 7167', with 1 shot per zone.					
<b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>					
<b>DEPTH INTERVAL (MD)</b>			<b>AMOUNT AND KIND OF MATERIAL USED</b>		
6948-7167'			80,000# sand, 76,750 gal wtr		
<b>33.* PRODUCTION</b>					
<b>DATE FIRST PRODUCTION</b>		<b>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</b>			<b>WELL STATUS (Producing or shut-in)</b>
		Flowing			Shut-In
<b>DATE OF TEST</b>	<b>HOURS TESTED</b>	<b>CHOKE SIZE</b>	<b>PROD'N. FOR TEST PERIOD</b>	<b>OIL—BBL.</b>	<b>GAS—MCF.</b>
09-17-74	3 hours	3/4"			
<b>FLOW. TUBING PRESS.</b>	<b>CASING PRESSURE</b>	<b>CALCULATED 24-HOUR RATE</b>	<b>OIL—BBL.</b>	<b>GAS—MCF.</b>	<b>WATER—BBL.</b>
SI 2131	SI 2422			1917 MCF/D-ADP	
<b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b>					<b>TEST WITNESSED BY</b> Jesse Goodwin
<b>35. LIST OF ATTACHMENTS</b>					

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED A. G. Suarez TITLE Drilling Clerk DATE September 25, 1974

\*(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; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliff	2705	
				Chacra	3556	
				Mesa Verde	4308	
				Point Lookout	4893	
				Gallup	5950	
				Greenhorn	6846	
				Graneros	6899	
				Dakota	7040	

# EL PASO NATURAL GAS COMPANY

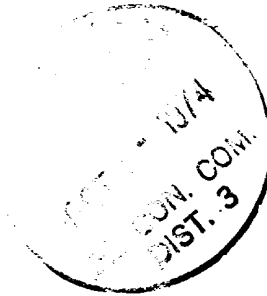
## DEVIATION REPORT

Name Of Company El Paso Natural Gas Company				Address P. O. Box 990, Farmington, NM 87401			
Lease Canyon Largo Unit	Well No. 279	Unit Letter A	Section 14	Township 25N	Range 6W		
Pool Basin Dakota				County Rio Arriba			

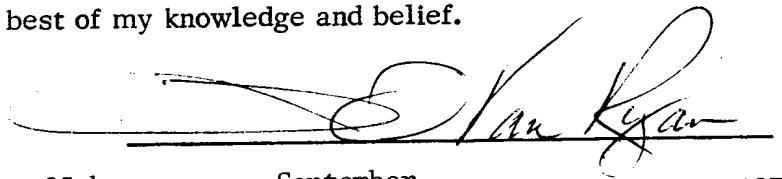
### DEPTH

### DEVIATION

225'	1/2°
1250'	3/4°
1732'	1/2°
2200'	1/2°
2781'	1/2°
3279'	1/2°
3622'	1/2°
3958'	1/2°
4200'	3/4°
4948'	1/2°
5280'	1/2°
5631'	1/2°
5890'	1/2°
6445'	1/2°
7055'	1/2°
7210'	1/2°



I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of El Paso Natural Gas Company, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated therein are true to the best of my knowledge and belief.



Subscribed and sworn to before me this 25th day of September, 197<sup>4</sup>.



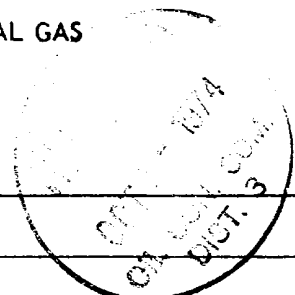
Notary Public in and for San Juan County, New Mexico

My commission expires October 5, 1976.

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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1 GAS 1
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65



I. Operator  
El Paso Natural Gas Company  
Address  
P. O. Box 990, Farmington, NM 87401  
Reason(s) for filing (Check proper box)  
New Well ☒ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Canyon Largo Unit	Well No. 279	Pool Name, including Formation Basin Dakota	Kind of Lease State (Federal) Fee	Lease No. SF078884
Location Unit Letter A : 790 Feet From The N Line and 1140 Feet From The E Line of Section 14 Township 25N Range 6W, 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"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990, Farmington, NM 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks. Unit A Sec. 14 Twp. 25N Rge. 6W	Is gas actually connected?	When

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 05-10-74	Date Compl. Ready to Prod. 09-19-74	Total Depth 7228'	P.B.T.D. 7213'					
Elevations (DF, RKB, RT, GR, etc.) 6659' GL	Name of Producing Formation Dakota	Top XX/Gas Pay 6948	Tubing Depth 7162'					
Perforations 6948', 6972', 7050', 7080', 7098', 7130', 7167'			Depth Casing Shoe 7228'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
13 3/4"	9 5/8"	224'	224 cu. ft.					
8 3/4" and 7 7/8"	4 1/2"	7228'	1777 cu. ft.					
	1 1/2"	7162"	Thg					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D 1917	Length of Test 3 hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calc. A.O.E.	Tubing Pressure (shut-in) 2131	Casing Pressure (shut-in) 2422	Choke Size 3/4"

VI. CERTIFICATE OF COMPLIANCE

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

D. G. Guico  
(Signature)  
Drilling Clerk  
(Title)  
September 24, 1974  
(Date)

OIL CONSERVATION COMMISSION  
OCT 3 - 1974  
APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY Original Signed by A. R. Kendrick  
PETROLEUM ENGINEER DIST. NO. 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.  
Supersede Form C-104 must be filed for each pool in multiply

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	GAS
PRODUCTION OFFICE	

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

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED  
NOV 01 1986

OIL CON. DIV.  
DIST. 3

I. Operator  
Meridian Oil Inc.

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

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	<input type="checkbox"/> Change in Transporter of:	Other (Please explain) Meridian Oil Inc. is Operator for El Paso Production Company
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Change in Ownership/Operatorship	<input type="checkbox"/> Casinghead Gas	
	<input type="checkbox"/> Dry Gas	
	<input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner: El Paso Natural Gas Company, P. O. Box 4289, Farmington, NM 87499

II. DESCRIPTION OF WELL AND LEASE

Lease Name Canyon Largo Unit	Well No. 279	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Lease No. SF 078884
Location A 790 North 1140 East				
Unit Letter 14	Feet From The 25N	Line and 6W	Feet From The Rio Arriba	
Line of Section	Township	Range	NMPM,	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"/>	Address (Give address to which approved copy of this form is to be sent)
Meridian Oil Inc.	P. O. Box 4289, Farmington, NM 87499
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 4289, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <input type="checkbox"/> when
Unit A Sec 14 Twp 25N Rge 6W	

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)  
11-1-86

(Date)

OIL CONSERVATION DIVISION  
NOV 01 1986

APPROVED \_\_\_\_\_, 19\_\_\_\_

BY Birdy. Chang

TITLE SUPERVISION DISTRICT # 3

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

If this is a request for allowable for a newly drilled or deepener 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.

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on well

96 JUL 29 AM 11:43

070 FARMINGTON, NM

1. Type of Well  
GAS

2. Name of Operator  
MERIDIAN OIL

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
790' FNL, 1140' FEL, Sec. 14, T-25-N, R-6-W, NMPM  
A

5. Lease Number  
SF-078884  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
Canyon Largo Unit  
8. Well Name & Number  
Canyon Largo U #279  
9. API Well No.  
30-039-20888  
10. Field and Pool  
Basin Dakota  
11. County and State  
Rio Arriba Co, NM

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

Type of Submission

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other - Casing clean out  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut off  
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to clean out the casing of the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
AUG - 5 1996  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (ROS3) Title Regulatory Administrator Date 7/29/96

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

Date

APPROVED

CONDITION OF APPROVAL, if any:

JUL 29 1996

[Signature]  
DISTRICT MANAGER

NMOCD

**Canyon Largo Unit #279  
Basin Dakota  
NE Section 14, T-25-N, R-6-W  
Recommended Casing Cleanout Procedure**

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS.** As much time as possible to the pump time is needed for the agency to be able to show up for the cement job.
2. MOL and RU workover rig. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) BOP with stripping head. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary. Have christmas tree serviced at A-1 Machine, if necessary.
3. Release donut and PU 1-1/2", 2.9#, tbg (229 jts @ 7162', SN @ 1 jt off bottom). Pick up additional jts of tubing and check for fill by tagging bottom. TOOH. Visually inspect tubing for corrosion, replace as necessary. PU 4-1/2" casing scraper and RIH on 2-3/8" workstring, round-trip to 6922'.
4. TIH with 4-1/2" RBP and 4-1/2" packer on 2-3/8" workstring and set RBP at 6922' (50' above DK perfs). Pressure test RBP to 750 psig. If pressure test fails, isolate casing leak with 4-1/2" packer and contact Operations Engineer (Rob Stanfield 326-9715, Pager 324-2674) for cement squeeze procedure. Spot 10' of sand on RBP before pumping cement.
5. TOOH with packer and RBP. PU 3-7/8" bit and TIH and CO to bottom with gas or air. TOOH. Based on findings, discuss potential for acid treatment with Operations Engineer.
6. TIH with 1-1/2" tubing with a notched expendable check valve on bottom and a seating nipple one jt off bottom. Rabbit all tubing. CO to PBTD with gas or air. Take and record gauges.
7. Land tubing near bottom perforation at 7167'. ND BOP and NU wellhead. Pump off pump out plug and record final gauges. Return well to production.

Recommended:   
Operations Engineer

Approved:  7/26  
Drilling Superintendent

# Canyon Largo Unit #279

## CURRENT

Basin Dakota

790' FNL, 1140' FEL,

NE Section 14, T-25-N, R-06-W, Rio Arriba County, NM

Latitude/Longitude: 36.404678 / 107.431366

Today's Date: 7-24-96

Spud: 5-10-74

Completed: 9-19-74

Elevation: 6659' (GL)

6672' (KB)

Logs: IES, CDL-GR,

Temp Survey

Workovers: None

Nacimiento @ 558'

Ojo Alamo @ 2102'

Kirtland @ 2289'

Fruitland @ 2544'

Pictured Cliffs @ 2705'

Cliff House @ 4308'

Menefee @ '

Point Lookout @ 4893'

Gallup @ 5950'

Greenhorn @ 6846'

Graneros @ 6899'

Dakota @ 7040'

13-3/4" hole

9-5/8", 32.3#, H-40, Csg set @ 224',  
Cmt w/224 cf (190 sx)(Circulated to Surface)

TOC @ 2300' (TS)

229 jts, 1-1/2", 2.9#, tbg set @ 7162',  
(SN 1 jt off bottom)

8-3/4" hole

Stg Tool @ 5193',  
Cmt w/1417 cf (541 sx)

Changed drill bits from 8-3/4" to 7-7/8" @ 5289'

TOC @ 6288' (75%)

7-7/8" hole

PBTD 7213'

TD 7228'

Dakota Perforations:  
6972' - 7167', Total 7 holes

FC @ 7213'

4-1/2", 10.5 & 11.6, KS, 8rd, Csg set @ 7228',  
Cmt w/360 cf (188 sx cf)

### Initial Potential

Initial AOF: 1,917 Mcfd (9/74)  
Current SICP: 942 psig (10/88)

### Production History

Cumulative:  
Current:

### Gas

477.6 MMcf  
9.8 Mcfd

### Oil

0.9 Mbo  
0.0 bbls/d

### Ownership

GWI: 84.29%  
NRI: 68.82%  
TRUST: 00.00%

### Pipeline

EPNG

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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Sundry Notices and Reports on Wells

97 FEB 10 PM 1:32

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

790' FNL, 1140' FEL, Sec. 14, T-25-N, R-6-W, NMPM

A

5. Lease Number  
SF-078884

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Canyon Largo Unit  
Canyon Largo U #279

9. API Well No.  
30-039-20888

10. Field and Pool  
Basin Dakota

11. County and State  
Rio Arriba Co, NM

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

Type of Submission

Type of Action

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Casing clean out

13. Describe Proposed or Completed Operations

12-20-96 MIRU. SDON.

12-21-96 ND WH. NU BOP. Attempt to pull tbg, stuck. TIH w/free point to 6680'.  
Chemical cut tbg @ 6682'. TOOH. Tbg still not free. TOOH. SD for holiday.

12-26-96 TIH w/chemical cutter, tag bottom @ 6692'. Cut tbg @ 6668'. TOOH w/212 jts  
1 1/2" tbg. TIH to 5000'. SDON.

12-27-96 TIH to top of fish @ 6668'. Mill fish. SDON.

12-28-96 Latch fish, TOOH w/fish & mill. TIH w/4 1/2" csg scraper to 6935'. TOOH.  
SD for Sunday.

12-30-96 TIH w/RBP, set @ 6925'. Circ hole clean w/1% Kcl wtr. PT csg to 750 psi, OK.  
Blow well & CO. Latch RBP, TOOH. SDON.

12-31-96 TIH, blow well & CO. Pump 500 gal 15% Hcl followed by 6 bbl wtr. SD for  
holiday.

1-2-97 Blow well & CO. TOOH. TIH w/229 jts 1 1/2" 2.9# J-55 EUE tbg. SDON.

1-3-97 Land 1 1/2" tbg @ 7169'. ND BOP. NU WH. RD. Rig released.

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

Signed [Signature] Title Regulatory Administrator Date 2/6/97

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

**ACCEPTED FOR RECORD**

FEB 12 1997

FARMINGTON DISTRICT OFFICE

NMOCD

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
P.O. Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals, & Natural Resources Department

Form C-104  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

☐ AMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator Name and Address  Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		<sup>2</sup> OGRID Number  14538
		<sup>3</sup> Reason for Filing Code  CO - 7/11/96
<sup>4</sup> API Number 30-039-20888	<sup>5</sup> Pool Name BASIN DAKOTA (PRORATED GAS)	<sup>6</sup> Pool Code 71599
<sup>7</sup> Property Code 006886	<sup>8</sup> Property Name CANYON LARGO UNIT	<sup>9</sup> Well Number #279

II. <sup>10</sup> Surface Location

UI or lot no. A	Section 14	Township 025N	Range 006W	Lot.Idn	Feet from the 790	North/South Line N	Feet from the 1140	East/West Line E	County RIO ARriba
--------------------	---------------	------------------	---------------	---------	----------------------	-----------------------	-----------------------	---------------------	----------------------

<sup>11</sup> Bottom Hole Location

UI or lot no.-	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
<sup>12</sup> Lse Code		<sup>13</sup> Producing Method Code		<sup>14</sup> Gas Connection Date		<sup>15</sup> C-129 Permit Number		<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
7057	EL PASO FIELD SERVICES P.O. BOX 1492 EL PASO, TX 79978		G	A-14-T025N-R006W
9018	Giant Industries 5764 US Hwy 64 Farmington, NM 87401	1448510	O	A-14-T025N-R006W

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBTD	<sup>29</sup> Perforations
<sup>30</sup> Hole Size		<sup>31</sup> Casing & Tubing Size	<sup>32</sup> Depth Set	<sup>33</sup> Sacks Cement

VI. Well Test Data

<sup>34</sup> Date New Oil	<sup>35</sup> Gas Delivery Date	<sup>36</sup> Test Date	<sup>37</sup> Test Length	<sup>38</sup> Tbg. Pressure	<sup>39</sup> Csg. Pressure
<sup>40</sup> Choke Size	<sup>41</sup> Oil	<sup>42</sup> Water	<sup>43</sup> Gas	<sup>44</sup> AOF	<sup>45</sup> Test Method

<sup>46</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  Signature: <i>Dolores Diaz</i>		OIL CONSERVATION DIVISION	
Printed Name: Dolores Diaz		Approved by: Frank T. Chavez	
Title: Production Associate		Title: District Supervisor	
Date: 7/11/96		Approved Date: July 11, 1996	
Phone: (505) 326-9700			
<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator 14538 Meridian Oil Production			
Previous Operator Signature		Printed Name	Title
Signature: <i>Dolores Diaz</i>		Dolores Diaz	Production Associate
			Date 7/11/96

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELL**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMSF078884

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM78383D

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
CANYON LARGO 279

2. Name of Operator  
BURLINGTON RESOURCES O&G CO LP

Contact: (None Specified)

9. API Well No.  
30-039-20888-00-S1

3a. Address  
P. O. BOX 4289  
FARMINGTON, NM 87499

3b. Phone No. (include area code)  
Ph: 505.326.9700

10. Field and Pool, or Exploratory  
UNNAMED

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 14 T25N R6W Mer NENE 0790FNL 1140FEL  
36.40468 N Lat, 107.43137 W Lon

11. County or Parish, and State  
RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> WRK
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8-21-01 MIRU. ND WH. NU BOP. TOOHH w/1 1/2" tbg. SDON.

8-22-01 TIH w/3 7/8" mill. CO to PBTD. Pump 500 gal acid across perms. Displace w/5 bbl wtr. SDON.

8-23-01 Establish circ. Circ hole clean. TOOHH w/mill. TIH w/226 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 7069'. (SN @ 7068'). ND BOP. NU WH. RD. Rig released.

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

Electronic Submission #6942 verified by the BLM Well Information System  
For BURLINGTON RESOURCES O&G CO LP, sent to the Farmington  
Committed to AFMSS for processing by Maurice Johnson on 09/06/2001 (01MXJ3040SE)

Name (Printed/Typed) (None Specified)

Title

Signature

Date 09/04/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***