

F

30-039-21901

9-7-78

F. Loc. 1180/S; 1070/E Elev. 6233 GL Spd. \_\_\_\_\_ Comp. \_\_\_\_\_ TD \_\_\_\_\_ PB \_\_\_\_\_  
 Casing S. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Int. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Pr. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. T. \_\_\_\_\_ @ \_\_\_\_\_  
 Csg. Perf. \_\_\_\_\_ Prod. Stim. \_\_\_\_\_

T  
R  
A  
N  
S

I.P. _____ BO/D _____ MCF/D After _____ Hrs. _____ SICP _____ PSI After _____ Days GOR _____ Grav. _____ Ist Del. _____ s _____										
TOPS		NIID	Well Log	TEST DATA						
			Plat	Schd.	PC	Q	PW	PD	D	Ref.No.
Kirtland		C-103	Electric Log							
Fruitland		C-104								
Pictured Cliffs			C-122							
Cliff House		Ditr	Dfa							
Menelee		Datr	Dac							
Point Lookout		E/320								
Manco										
Gallup										
Sanstee										
Greenhorn										
Dakota										
Morrison										
Entrada										

P  
o  
o  
Blanco MV Co. RA S 15 T 29NR 7W U P Oper. El Paso Natural Gas Co. San Juan 29-7 Unit No. 56A

San Juan 29-7 Unit #56A

P-15-29N-7-1

El Paso Natural Gas Company

P.O. Box 959  
Farmington, New Mexico 87401

January 7, 1982

El Paso Natural Gas Company  
P.O. Box 289  
Farmington, New Mexico 87401

Gentlemen:

Reference is made to your Application for Permit to Drill well  
No. 56-A San Juan 29-7 Unit, sec. 15, T. 29 N., R. 7 W., San Juan  
County, New Mexico, lease No. Santa Fe 077842.

The subject Application is hereby terminated and returned due to drilling  
operations not being commenced within one year of the approval date.

Please be advised you are required to notify this office for the appropriate  
surface rehabilitation in the event that construction activities have  
occurred on the referenced drillsite.

A new Application must be submitted if you decide to drill the subject  
well at a later date. Such an Application would be processed in the  
same manner as your original filing.

Sincerely yours,

James P. Sims  
District Oil and Gas Supervisor

Enclosure

cc: Well file (rescinded) ✓  
DRO 9-1  
Chronological  
BLM

BWamsley:cap

**ABANDONED LOCATION**



30-039-21901

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-079290-A-
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 29-7 Unit
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401		8. FARM OR LEASE NAME San Juan 29-7 Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1180'S, 1070'E At proposed prod. zone same		9. WELL NO. 56A
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 21 miles East of Blanco, NM		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1070'	16. NO. OF ACRES IN LEASE Unit	17. NO. OF ACRES ASSIGNED TO THIS WELL 320.00
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'	19. PROPOSED DEPTH 5690'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6233' GR		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 circulate
8 3/4"	7"	20.0#	3380'	277 cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2" liner	10.5#	3230-5690'	429 cu.ft. to fill to 3230'

Selectively perforate and sandwater fracture the Mesa Verde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The E/2 of Section 15 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. J. Davis TITLE Drilling Clerk DATE August 31, 1978

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

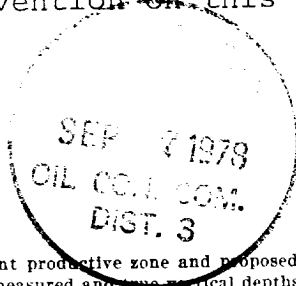
CONDITIONS OF APPROVAL, IF ANY:

ok Frank

\*See Instructions On Reverse Side

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DURANGO, COLO.

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

Form C-107  
Supersedes C-120  
Effective 1-1-77

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

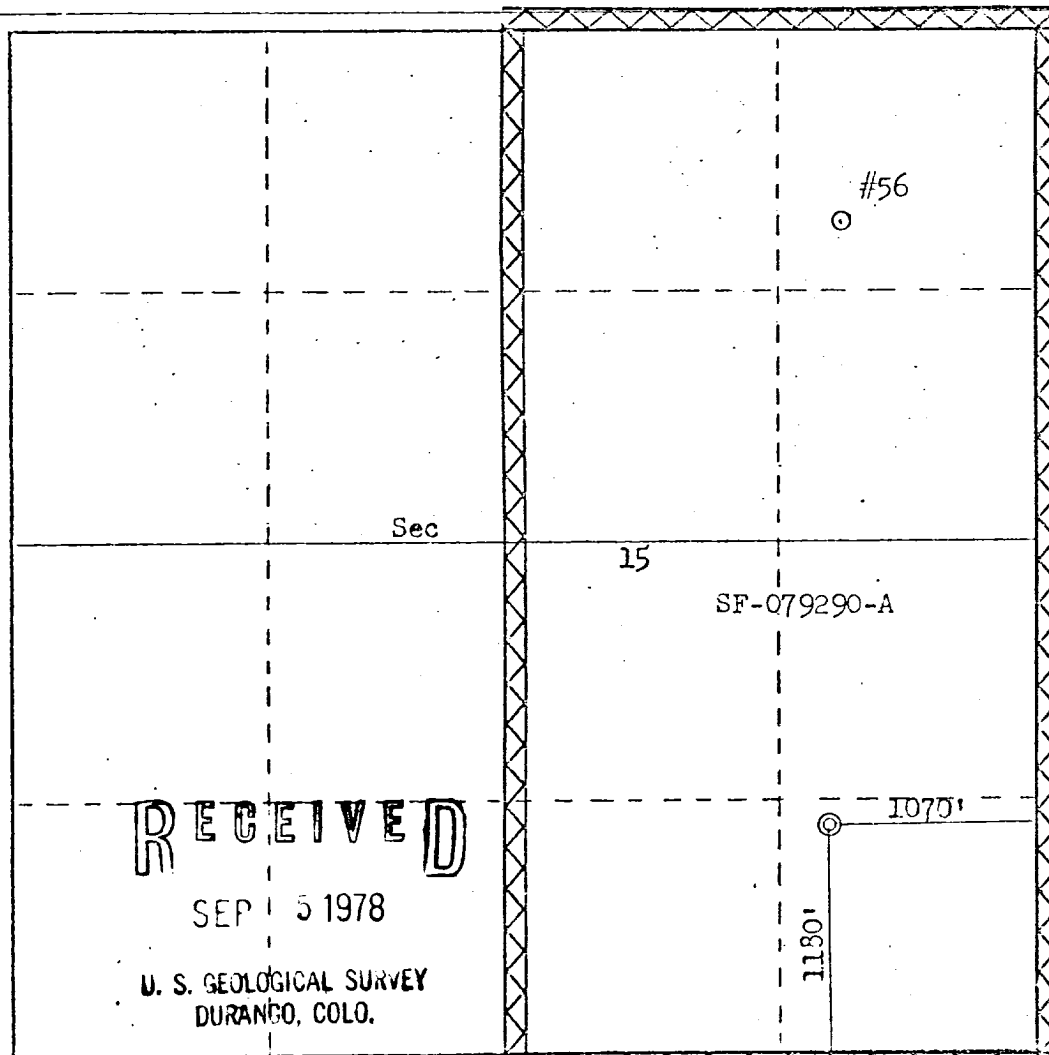
Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>SAN JUAN 29-7 UNIT (SF-079290-A)</b>		Well No. <b>56A</b>
Unit Letter <b>P</b>	Section <b>15</b>	Township <b>29N</b>	Range <b>7W</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>1180</b> feet from the <b>South</b> line and <b>1070</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6233</b>	Predicted Formation <b>MESA VERDE</b>	Post <b>Blanco Mesa Verde</b>		Dedicated Acreage <b>320.00</b>	

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.



**CERTIFICATION**

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

*M. H. Grooms*

Name  
**Drilling Clerk**

Position  
**El Paso Natural Gas Co.**

Company  
**August 31, 1978**

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 Survey  
**August 9, 1978**

Registered in the Office of the  
State Engineer at Santa Fe, N.M.  
2-10-78

*Fred B. Herr Jr.*

Continued on \_\_\_\_\_

**3950**

0 360 660 960 1260 1560 1860 2160 2460 2760 3060 3360 3660

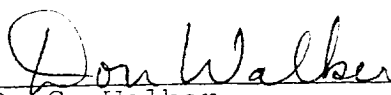
Multi-Point Surface Use Plan  
San Juan 29-7 Unit #56A

1. Existing Road - Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map. All existing and new roads will be properly maintained during the duration of this project.
2. Planned Access Roads - Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
3. Location of Existing Wells - Please refer to Map No. 2.
4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines - Please refer to Maps No. 1 and No. 2. Map No. 2 shows the existing gas gathering lines. Map No. 1 shows the existing roads and new proposed access roads. All known production facilities are shown on these two maps.
5. Location and Type of Water Supply - Water for the proposed project will be obtained from 29-6 Water Well #1.
6. Source of Construction Materials - No additional materials will be required to build either the access road or the proposed location.
7. Methods of Handling Waste Materials - All garbage and trash materials will be put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at least three feet (3'). A latrine, the location of which is also shown on Plat No. 1,

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7. cont'd. will be provided for human waste. If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainages; all earthen pits will be so constructed as to prevent leakage from occurring.
8. Ancillary Facilities - No camps or airstrips will be associated with this project.
9. Wellsite Layout - Please refer to the attached Plat No. 1.
10. Plans for Restoration of the Surface - After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted as designated by the responsible government agency.
11. Other Information - The terrain is sagebrush flats and rolling hills with sagebrush growing. Deer are occasionally seen on the proposed project site.
12. Operator's Representative - W.D. Dawson, PO Box 990, Farmington, NM
13. Certification - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by El Paso Natural Gas Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

  
D. C. Walker  
Project Drilling Engineer

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Operations Plan  
San Juan 29-7 Unit #56A

I. Location: 1180'S, 1070'E, Section 15, T-29-N, R-7-W, Rio Arriba County, N.

Field: Blanco Mesa Verde

Elevation: 6233'GR

II. Geology:

A. Formation Tops:	Surface	San Jose	Lewis	3181'
	Ojo Alamo	2151'	Mesa Verde	4801'
	Kirtland	2276'	Menefee	4896'
	Fruitland	2791'	Point Lookout	5235'
	Pic.Cliffs	3071'	Total Depth	5690'

B. Logging Program: GR-Ind. and GR-Density at Total Depth.

C. Coring Program: none

D. Natural Gauges: 4790', 4886', 5225' 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 3380'. Gas from intermediate casing to Total Depth.

IV. Materials:

A. Casing Program:	<u>Hole Size</u>	<u>Depth</u>	<u>Casing Size</u>	<u>Wt.&amp;Grade</u>
	13 3/4"	200'	9 5/8"	32.3# H-40
	8 3/4"	3380'	7"	20.0# K-55
	6 1/4"	3230-5690'	4 1/2"	10.5# K-55

B. Float Equipment: 9 5/8" surface casing - Pathfinder guide shoe (Part #2006-1-012).

7" intermediate casing - Pathfinder guide shoe (Part #1003-1-007) and Pathfinder self-fill insert float valve (Part #2010-6-007), 5 Pathfinder stabilizers (Part #107-10) every other joint above shoe. Run float two joints above shoe.

4 1/2" liner - 4 1/2" liner hanger with neoprene packoff. Pathfinder geyser shoe (Part #2017-1-050) and Larkin flapper type float collar (fig. 404 M&F).

C. Tubing: 5690' of 2 3/8", 4.7#, J-55 8rd EUE tubing with a common pump seating nipple one joint above bottom. Tubing will be open ended.

D. Wellhead Equipment: 10" 900 x 9 5/8" casing head. 10" 900 x 6" 900 xmas tree.

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DURANGO, COLO.

Operations Plan - San Juan 29-7 Unit #56A

V. Cementing:

9 5/8" surface casing - use 190 sks. of 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.

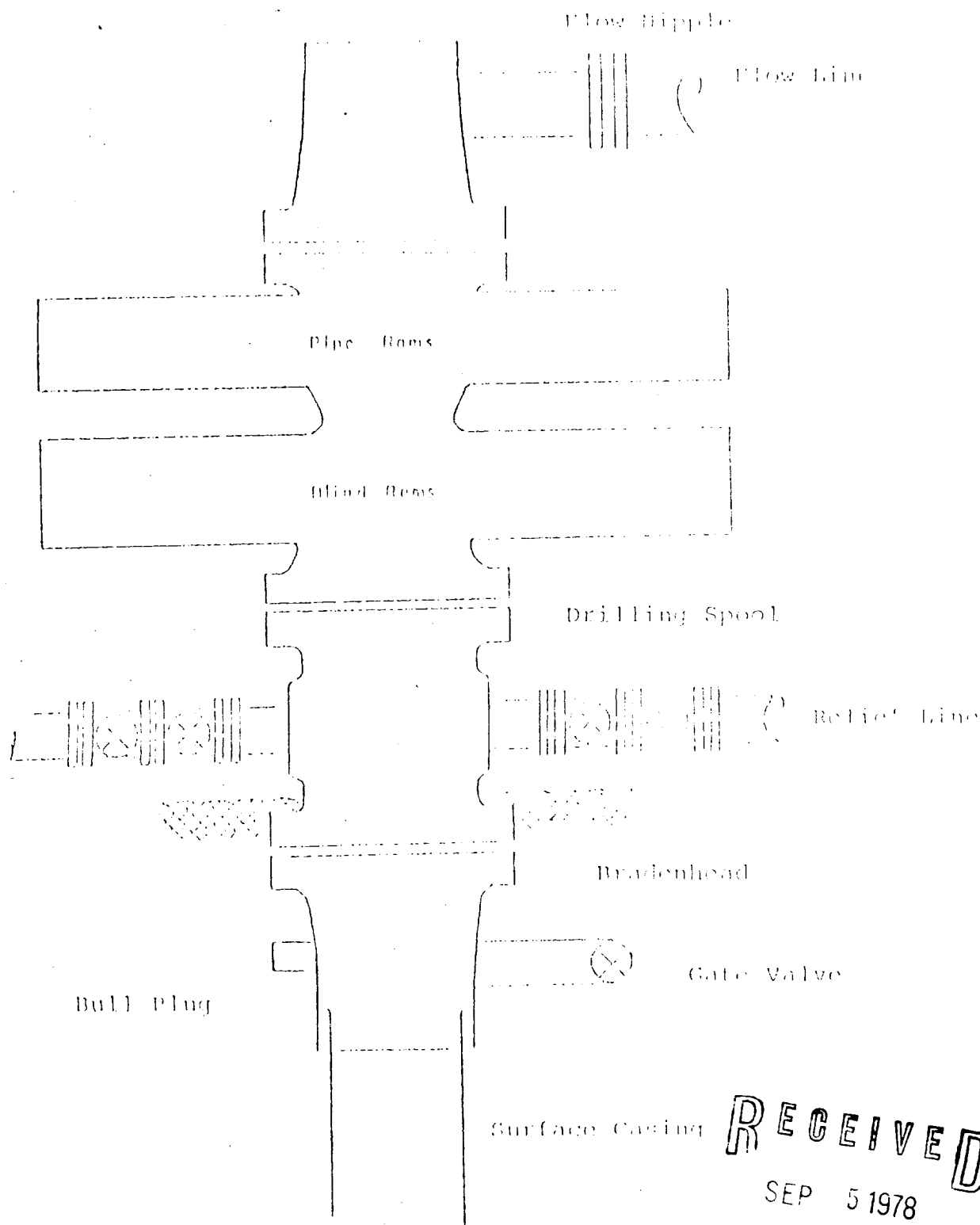
7" intermediate casing - use 98 sks. of 65/35 Class "B" Poz with 6% gel and 2% calcium chloride (8.3 gallons of water per sack) followed by 100 sks. of Class "B" with 2% calcium chloride (277 cu.ft. of slurry, 50% excess to cover Ojo Alamo). Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1200#/30 minutes.

4 1/2" liner - precede cement with 20 barrels of gel water (2 sks. gel) Cement with 309 sks. of 50/50 Class "B" Poz with 2% gel, 0.6% Halad-9, 6.25# gilsonite plus 1/4# Flocele per sack (429 cu.ft. of slurry, 70% excess to circulate liner). WOC 18 hours.

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# Typical B.O.P. Installation for Mega Verde Well



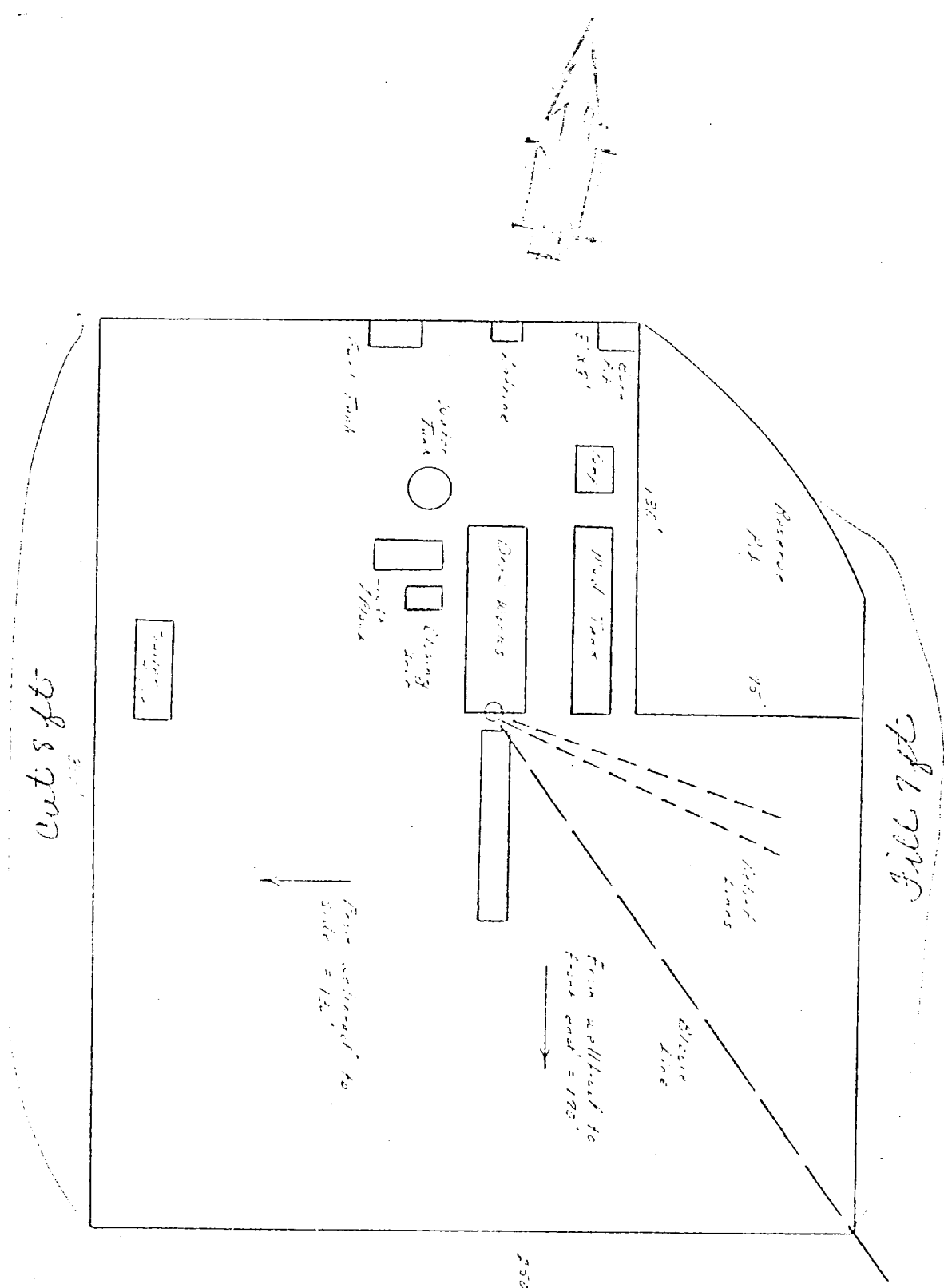
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DURANGO, COLO.

Series 900 Double Gate BOP, rated  
at 3000 psi Working Pressure  
When gas drilling operations begin a Shaffer type 50  
or equivalent rotating head is installed on top of the  
flow nipple and the flow line is converted into a blowie line

El Paso Natural Gas Company  
 Grand Canyon Nat. Mon. Survey and Admin. Area



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 DURANGO, COLO.

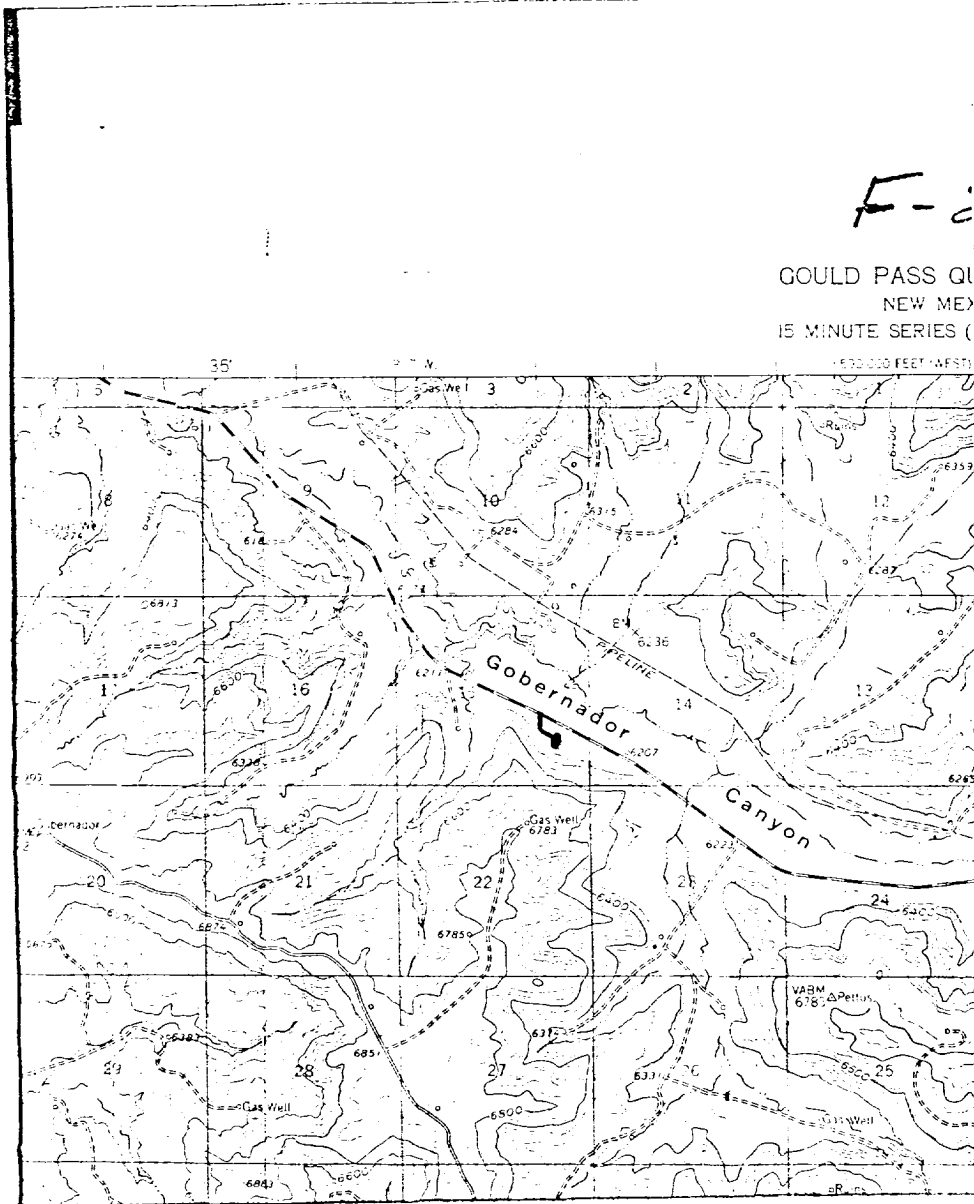
# EL PASO NATURAL GAS COMPANY

San Juan 29-7 #56 A

SE 15-29-7

R-7-W

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Map #1

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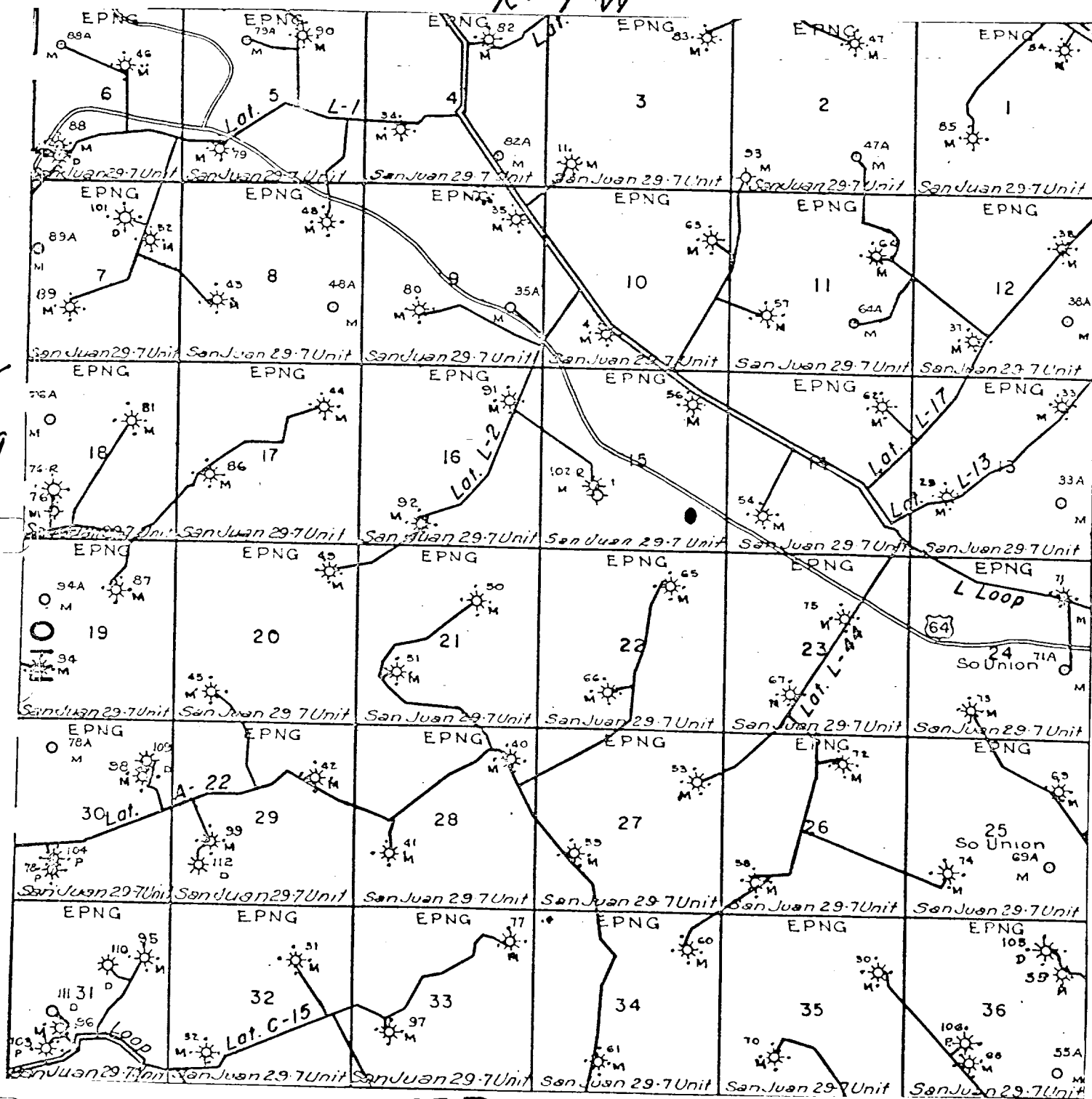
U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

## LEGEND OF RIGHT-OF-WAYS

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

SE 15-29-7

R-7-W



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Proposed Location

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