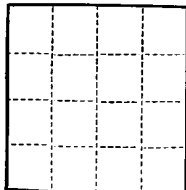


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **078356-B**
Unit **Huerfano Unit**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 25, 1957

Well No. **47-27** is located **1345** ft. from **[N]** line and **1575** ft. from **[E]** line of sec. **27**

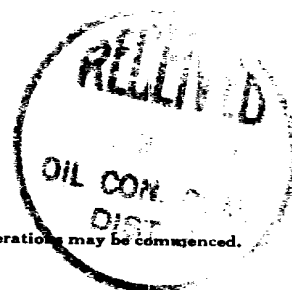
NE Sec. 27 **27N** **9W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
So. Blanco P.C. **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6343** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was originally drilled by J. Glenn Turner as the Huerfano Unit No. 47-27. El Paso Natural Gas Co. has purchased this well with name now changed to the El Paso Natural Gas Huerfano Unit No. 47-27. This well is within the limits of the Huerfano Unit therefore El Paso Natural Gas Co. will be the operator.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Co.**

Address **Box 997**

Farmington, New Mexico

By **Original Signed D. C. Johnston**

Title **Petroleum Engineer**

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

June 24, 1957

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Co.

Huerfanito Unit

47-27

SW

NE

(Company or Operator)

, Well No.

1/4

1/4

G

Sec. 27

T. 27N

(Lease)

SW

, NMPM,

~~XXXXXXXXXX~~

Ballard PG

Pool

Unit Letter
San Juan

4-25-56

5-15-56

County. Date Spudded

, Date Completed

Please indicate location:

D	C	B	A
E	F	G	H
		X	
L	K	J	I
M	N	O	P

1345N, 1575E

Casing and Cementing Record

Size Feet Sx

8-5/8"	95'	70
5-1/2"	2204'	100
1"	2275'	---

Elevation 6343 Total Depth 2297, P.B.

Top oil/gas pay 2212 Name of Prod. Form P.C.

Casing Perforations: None or

Depth to Casing shoe of Prod. String 2212'

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 963 MCF/D

Size choke in inches 3/4"

Date first oil run to tanks or gas to Transmission system: Tied in

Transporter taking Oil or Gas: El Paso Natural Gas Co.



This well was originally drilled by J. Glenn Turner as the Huerfanito Unit No. 47-27. ~~El Paso Natural Gas Co. has purchased this well with name changed to the El Paso Natural Gas Huerfanito Unit No. 47-27. This well is within the limits of the Huerfanito Unit therefore the El Paso Natural Gas Co. will be the operator.~~

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved JUL 9 1957, 19

El Paso Natural Gas Co.

(Company or Operator)

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

By: [Signature]

(Signature)

Title: Petroleum Engineer

Send Communications regarding well to:

Name R. J. Coal

Address Box 997, Farmington, New Mexico

Title Supervisor Dist. # 3

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 5

DISTRIBUTION

	NO. FURNISHED	
Operator	2	
Santa Fe	1	
Proration Office	1	
State Land Office		
U. S. G. S.		
Inspector		
File	1	✓

Form C-110
Revised 7/1/55

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator El Paso Natural Gas Company Lease Huerfanto Unit

Well No. 47-27 Unit Letter G S 27 T 27N R 9W Pool ~~El Paso~~ Ballard #6

County San Juan Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Co.

Address _____
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Co.
Address _____

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) ☒ New Well

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership ☐ Other ☒

Remarks: _____ (Give explanation below)

This well was originally drilled by J. Glenn Turner as the Huerfanito Unit No. 47-27. El Paso Natural Gas Co. has purchased this well with name changed to the El Paso Natural Gas Huerfanito Unit No. 47-27. This well is within the limits of the Huerfanito Unit therefore El Paso Natural Gas Co. will be the operator.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 21 day of June 19 57

By *W. H. Johnston*

Approved JUL 9 1957 19

Title Petroleum Engineer

OIL CONSERVATION COMMISSION

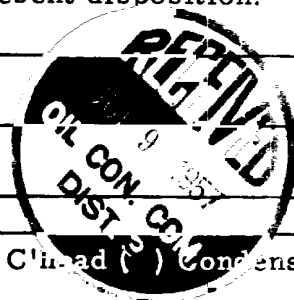
Company **El Paso Natural Gas Co.**

By Original Signed Emery C. Arnold

Address **Box 997**

Title **Supervisor Dist.**

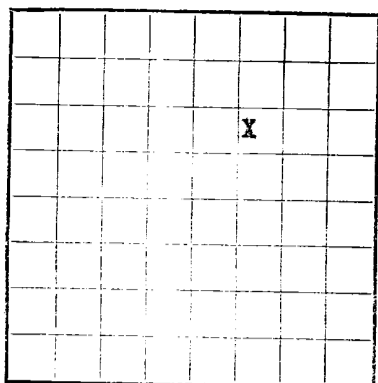
Farmington, New Mexico



OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received <u>6</u>		
DISTRIBUTION		
	NO COPIES	
Operator	<u>1</u>	
Santa Fe	<u>1</u>	
Proration Office		
State Land Office		
U. S. G. S.		
Transporter	<u>2</u>	
File	<u>1</u>	<u>1</u>

U. S. LAND OFFICE Santa FeSERIAL NUMBER 075356-B

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR,
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. Glenn Turner Address Box 728 - Farmington, New Mexico
Lessor or Tract Huerfano Unit Field Falcher Ruts State New Mexico
Well No. 47-27 Sec. 27 T. 27-N R. 9-W Meridian N.M.P.M. County San Juan
Location 1.345 ft. N of M Line and 1.575 ft. E of E Line of Sec. 27 Elevation 6,343
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]
C. Benson Neal, Agent in Farmington

Date June 7, 1956

The summary on this page is for the condition of the well at above date.

Commenced drilling April 25, 1956 Finished drilling May 12, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2,208 to 2,297 ("G") No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8"</u>	<u>24</u>	<u>8.8</u>	<u>J-55</u>	<u>951</u>	<u>None</u>				<u>Surface</u> <u>Long String</u> <u>Production</u>
<u>5-7/8"</u>	<u>13.5</u>	<u>8</u>	<u>J-55</u>	<u>2,208</u>	<u>Halliburton</u>				
<u>1 1/2"</u>	<u>11</u>	<u>8</u>	<u>None</u>	<u>2,297</u>	<u>None</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>104</u>	<u>70</u>	<u>Halliburton</u>	<u>Mostly water</u>	
<u>5-1/2"</u>	<u>2,212</u>	<u>100</u>	<u>Halliburton</u>	<u>Mostly water</u>	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>5/13/56</u>	<u>Solidified nitro-glycerin</u>	<u>100 qts.</u>	<u>5/13/56</u>	<u>2225-2237</u>	<u>2297</u>	
<u>On 5/14/56 sand oil treated from 2212' to 2297' with 17,700 gallons diesel oil and 30,000 gal. sand. Flushed with 2,300 gal. diesel oil. Breakdown 1300#. Injection 38 b.p.m.</u>						

TOOLS USED

Rotary tools were used from 104 feet to 2,297 feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 104 feet, and from for completion feet to _____ feet

DATES

Potential test taken June 4, 1956, 19____ Put to producing Shut in for potential test May 15, 1956, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 963 MCF/day Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 658

EMPLOYEES

Benson-Martin-Greer Drilling Corp. Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>2,156</u>	<u>2,156</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland Formations.</u>
<u>2,156</u>	<u>2,161</u>	<u>5</u>	<u>Coal</u>
<u>2,161</u>	<u>2,207</u>	<u>46</u>	<u>Shale</u>
<u>2,207</u>	<u>2,208</u>	<u>1</u>	<u>Coal</u>
<u>2,208</u>	<u>2,297</u>	<u>89</u>	<u>Sand</u>
<u>Top of Pictured Cliffs 2208'.</u>			

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued

Ballard PC Co. SJ S 27 T 27N R 9W U G Oper. Meridian Oil Inc. Lse. Huerfanito Unit No. 47

TEST				DATA			
Sch.	PC	Q	PW	PD	D	Ref. No.	
6/2/56	670	82	863	335	74	#2242	
1/11/57	474	72	764	342	77	#2243	
2/2/56	722	77	722	322	171	45	#4432
1/1/57	558	52	507	171	45		
2/2/56	558	52	507	171	45		
3/9/62	315	30	233	158	31		
3/4/63	316	18	260	253	20		
4/6/64	318	26	298	255	26		
4/1/65	317	58	298	254	30		
7/1/66	299	70	233	234	50		
1/1/67	242	70	233	234	50		
7/3/68	295	31	215	236	17		

Apr. May June July Aug. Sept. Oct. Nov. Dec.
 47

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-078356B
2. Name of Operator <i>Meridian</i> El Paso Natural Gas Company	6. If Indian, All.or Tribe Name
3. Address & Phone No. of Operator Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name Huerfanito Unit
4. Location of Well, Footage, Sec, T, R, M. 1345'N, 1575'E Sec.27, T-27-N, R-9-W, NMPM	8. Well Name & Number Huerfanito Unit #47
	9. API Well No.
	10. Field and Pool Basin Fruitland Coal
	11. County and State San Juan County, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA	
Type of Submission	Type of Action
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input checked="" type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut Off
	<input type="checkbox"/> Conversion to Injection
13. Describe Proposed or Completed Operations	
07-02-90	MOL&RU. ND WH. NU BOP. Pull 1" tbg. Ran GR-CCL-CNL 1680-2250'. Set CIBP @ 2200'. Csg @ 2210'. Load hole, PT BP & csg to 1000#/15 min, ok. Run tbg to btm 2200'. Swab well. SDFN.
07-03-90	Perf @ 2089-2105', 2120-22', 2126-29', 2146-59' w/2 spf. TIH w/SPIT tool. Spot 150 gal. 7.5% HCl. TOOH w/pkr. Ran 66 jts 2 3/8", 4.7#, J-55 tbg set @ 2148'. SN @ 2115'. ND BOP. NUWH. Swabbed well. SDFN.
07-04-90	Swabbed well. SI well. Released rig.

RECEIVED
JUL 13 1990
OIL CON. DIV.
DIST. 1

14. I hereby certify that the foregoing is true and correct
Signed *James Madgald* Title Regulatory Affairs Date 7-5-90

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE JUL 13 1990
CONDITION OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA
BY *MT*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK PLUG BACK	5. LEASE NUMBER SF-078356B
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR EL PASO NATURAL GAS CO.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 87499 (505) 326-9700	8. FARM OR LEASE NAME HUERFANITO UNIT
4. LOCATION OF WELL 1345' FNL; 1575' FEL	9. WELL NO. #47
14. DISTANCE IN MILES FROM NEAREST TOWN	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 27, T27N, R09W
	12. COUNTY SAN JUAN
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE
	17. ACRES ASSIGNED TO WELL 320.00
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH MAY 24 1990
	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (DF, FT, GR, ETC.) 6334.7' GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM	
*SEE OPERATIONS PLAN	
24. AUTHORIZED BY: <i>David Bradfield</i> (ROS) REGULATORY AFFAIRS	5-2-90 DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.
(NO ADDITIONAL DIRT WORK WILL BE REQUIRED)

APPROVED
MAY 18 1990
FOR Ken Townsend
AREA MANAGER

NMOCD

Submit to Asst. Secretary
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 00, Artesia, NM 88210

DISTRICT III
1000 Rio Brizos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator El Paso Natural Gas		Lease Huerfanito (SF-078356B)		Well No. 47
Unit Letter G	Section 27	Township 27 North	Range 9 West	County San Juan
Actual Footage Location of Well: 1345 feet from the North line and 1575 feet from the East line				
Ground level Elev. 6335'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hectograph marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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, force-pooling, or otherwise) or until a non-standard tract, eliminating such interest, has been approved by the Division.

Prepared from a plat
dated: 2-22-56
by: James P. Leese

OPERATOR CERTIFICATION

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

Signature *Peggy Bradfield*

Printed Name **Peggy Bradfield**

Position **Regulatory Affairs**

Company **El Paso Natural Gas**

Date **5-2-90**

Date

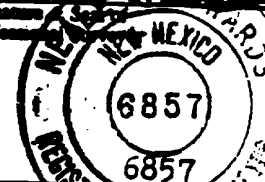
SURVEYOR CERTIFICATION

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. Re-copied 5-1-90

Date Surveyed

Signature *Neale C. Edwards*

Professional Seal



Certified **Neale C. Edwards**

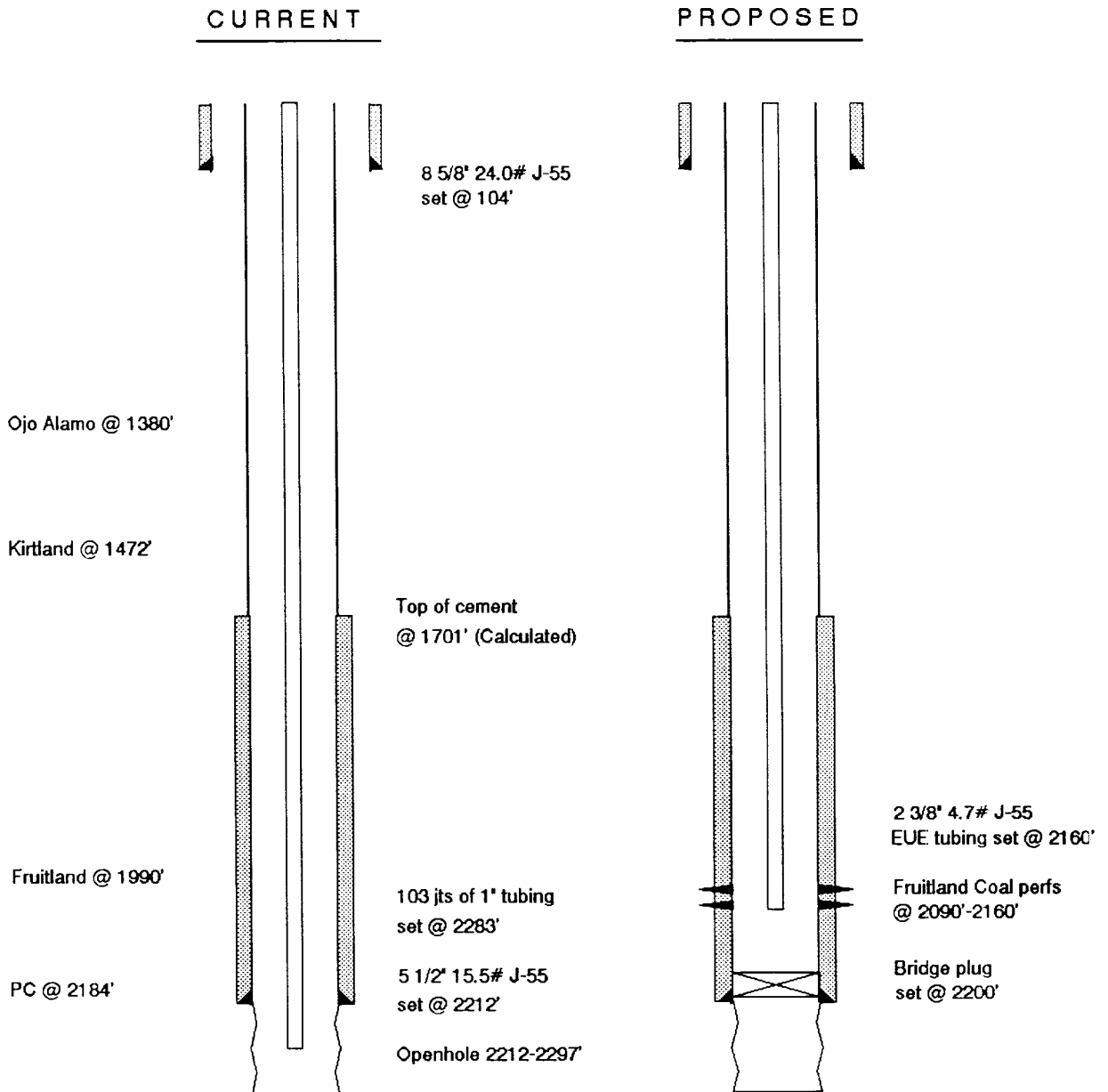
0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

**Recompletion Procedure
Huerfanito Unit #47**

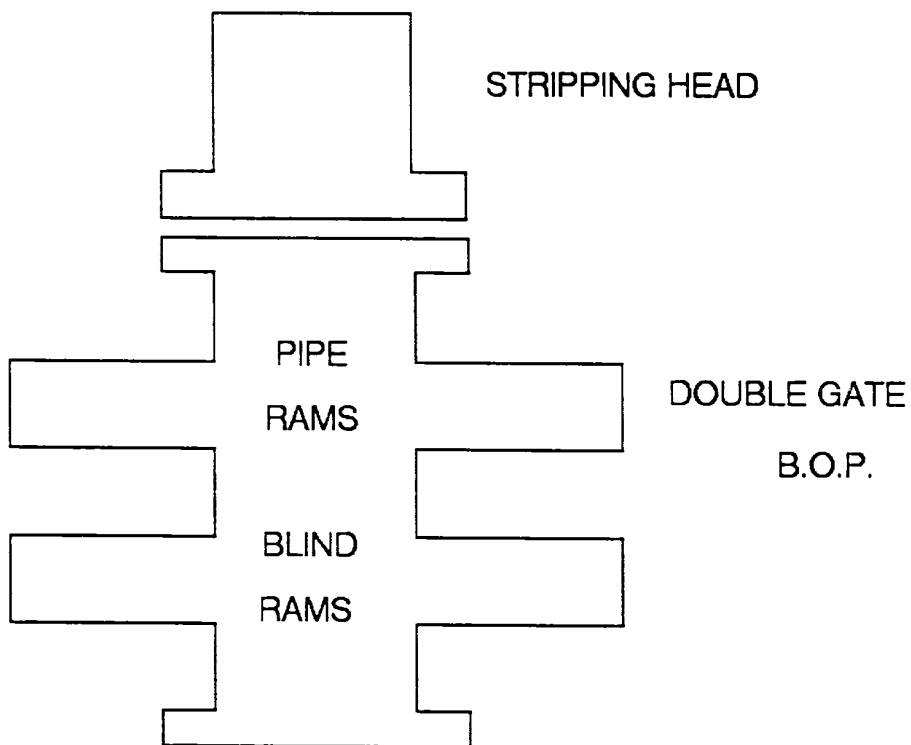
1. Prepare location for workover. Install / replace anchors as necessary.
 2. MOL with workover rig, hold safety meeting, install safety signs and proper fire equipment at strategic points. Comply with all BLM, NMOCD, and MOI regulations.
 3. Rig up blow lines, record tubing and casing pressures and blow well down. Kill well as necessary with water. ND tree and NU 6" 3000 psi BOP and stripping head.
 4. TOOH and lay down 103 joints of 1" tubing set @ 2283'.
 5. PU 2 3/8" 4.7# J-55 EUE tubing and TIH with 5 1/2" casing scraper. CO to the base of the 5 1/2" casing @ 2212'. TOOH.
 6. RU wireline unit and set a 5 1/2" bridge plug @ 2200'. Run a tree-saver to isolate wellhead. Pressure test casing to 3000 psi for 15 minutes. If casing fails, isolate casing leak(s) with a test packer. A squeeze procedure will be provided if the casing is determined to be repairable.
 7. Run GR-CCL-CNL. Pick perforations off of log and perforate.
 9. Breakdown perforations. Evaluate well and fracture stimulate if necessary.
 10. TIH w/ 2 3/8" tubing and swab wellbore dry. Land 2 3/8" tubing with a common pump seating nipple one joint off bottom. Land tubing near bottom perforation. Record final 30, 45 and 60 minute gauges on morning report. Rig down and release rig.
-

Huerfanito Unit #47
NE/4 Section 27, T-27-N, R-9-W
San Juan County, New Mexico

Wellbore Schematics



WORKOVER / RECOMPLETION B.O.P. SCHEMATIC



MINIMUM: 6" 2000 PSI DOUBLE GATE B.O.P.
MAXIMUM ANTICIPATED SHUT-IN WELLHEAD
PRESSURE IS LESS THAN 2000 PSI

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

RECEIVED
BLM
(See other instructions on reverse side)

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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF-078356B	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. CENVR. <input checked="" type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Huerfanito Unit	
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME Huerfanito Unit	
3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499		8. FARM OR LEASE NAME Huerfanito Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1345'N, 1575'E At top prod. interval reported below At total depth		9. WELL NO. 47	
14. PERMIT NO. 30-045-06270		DATE ISSUED	
15. DATE SPUDDED 04-25-56		16. DATE T.D. REACHED 05-12-56	
17. DATE COMPL. (Ready to prod.) 07-04-90		18. ELEVATIONS (DF. RKB, RT. GR, ETC.)* 6335'	
19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
20. TOTAL DEPTH, MD & TVD 2297'		21. PLUG, SACK T.D., MD & TVD 2200'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS yes	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2089-2159' (Fruitland Coal)		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL-CNL		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24.0#	104'	12 1/4"
5 1/2"	15.5#	2212'	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	2148'		
31. PERFORATION RECORD (Interval, size and number) 2089-2105', 2120-22', 2126-29', 2146-59' w/2 spf			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2089-2159'		150 gal. 7.5% HCl	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
shut in, capable of commercial hydrocarbon production,		WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.
SI 155	SI 160		GAS—MCF.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		WATER—BSL.	
to be sold		OIL GRAVITY-APF (CORR.)	
BHP @ 2080' 167			
35. LIST OF ATTACHMENTS none			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED		TITLE	
Regulatory Affairs		DATE	

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

Title 18 U.S.C. Section 1001, makes 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.

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1380'	1472'	White, cr-gr ss..			
Kirtland	1472'	1990'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	1990'	2184'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland	1380' 1472' 1990'	
Pictured Cliffs	2184'	2297'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2184'	