

Copy Sent to E. Busch 9/13/89

MERIDIAN OIL

September 13, 1989

RECEIVED

SEP 15 1989

OIL CONSERVATION DIV.
SANTA FE

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87503

Dear Mr. LeMay:

This is a request for administrative approval for an unorthodox gas well location in the Basin Fruitland Pool.

It is intended to locate the Meridian Oil Inc.'s Howell #10 at 705' from the North line and 1900' from the West line of Section 35, T-28-N, R-8-W, San Juan County, New Mexico. This well was originally drilled as a Pictured Cliffs and is intended to be plugged back to the Fruitland Coal Pool.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,



Peggy Bradfield

encl.

WAIVER

_____ hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Howell #10 as proposed above.

By: _____ Date: _____

cc: Conoco, Inc
Amoco Production

MERIDIAN OIL

RECEIVED

OCT 10 1989

OIL CONSERVATION DIV.
SANTA FE

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Post Office Box 2088
Santa Fe, New Mexico 87503

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Sincerely yours,



Peggy Bradfield

encl.

Amoco Production Co ^{WAIVER}

hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Howell #10 as proposed above

By: JW Hawkins

Date: 10-4-89

cc: Conoco, Inc
Amoco Production

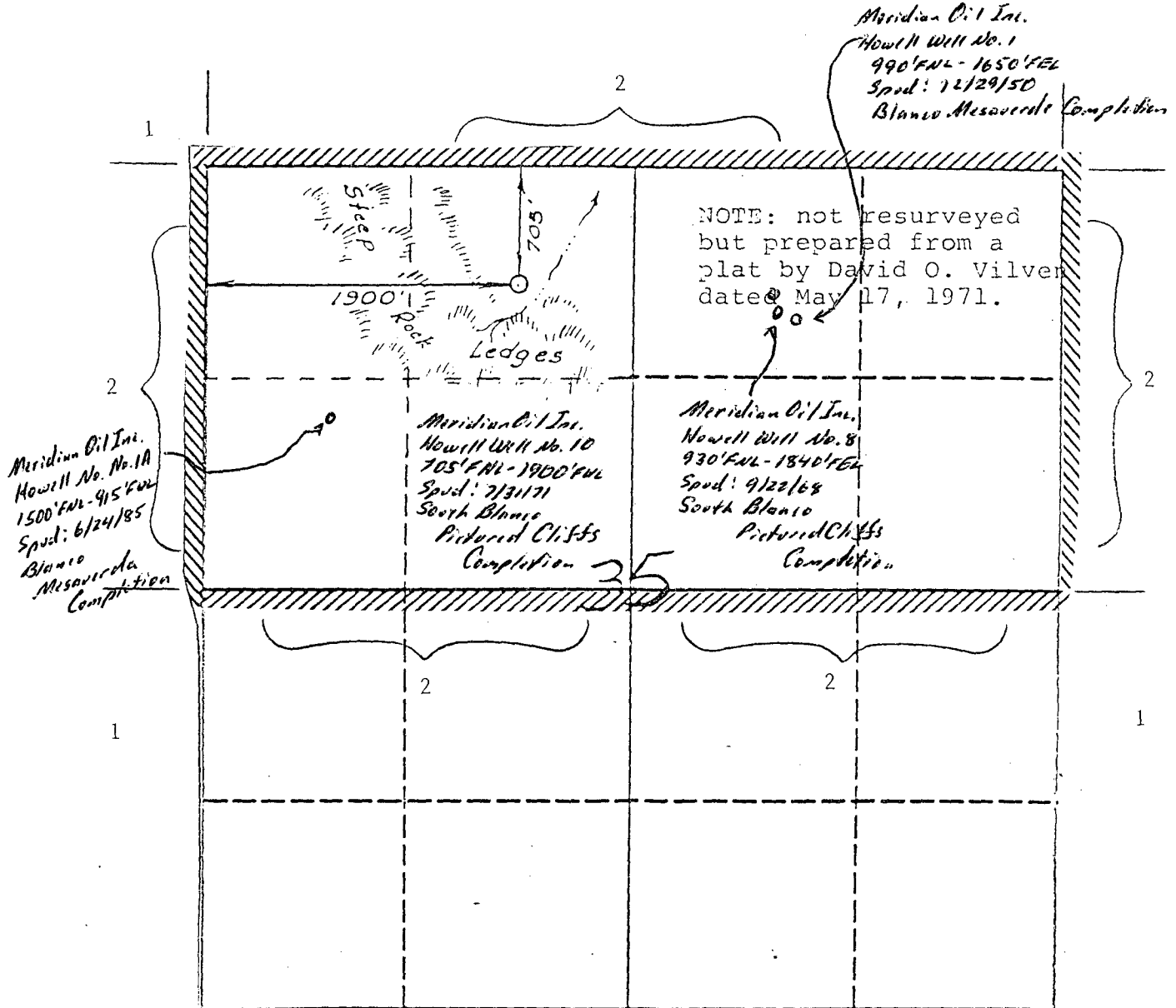
MERIDIAN OIL INC

Well Name Howell #10

Footage 705' FNL; 1900' FWL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 35 Township 28N Range 8W



Remarks 1) Meridian Oil Inc.

2) Conoco, Inc.

Amoco Production Corporation

Submit to Appropriate
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 DD, Artesia, NM 88210

DISTRICT III

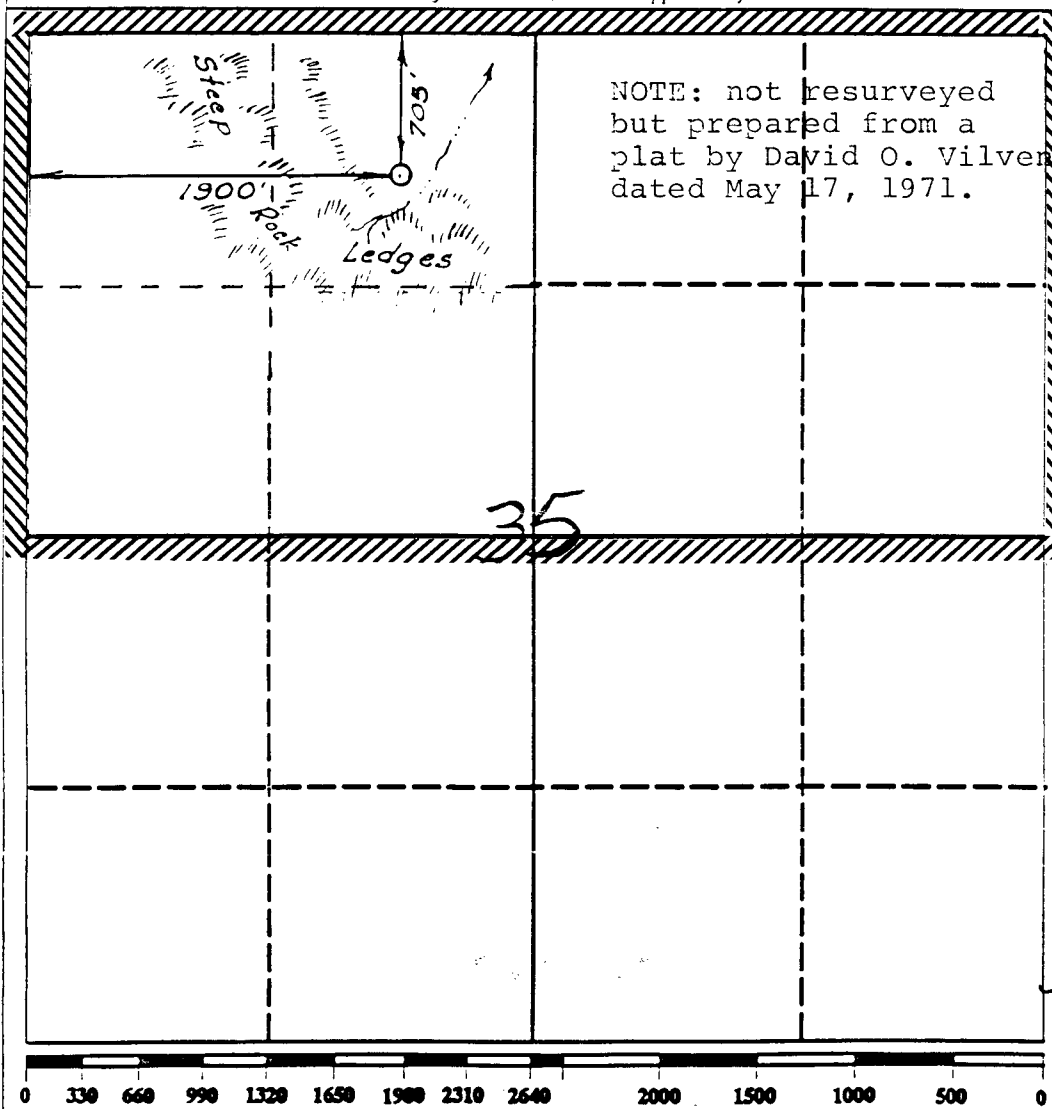
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Howell (SF-078566A)		Well No. 10
Unit Letter C	Section 35	Township 28N	Range 8W	County NMPM San Juan	
Actual Footage Location of Well: 705 feet from the North line and 1900 feet from the West line					
Ground level Elev. 6216' GL	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



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

Regulatory Affairs

Position

Meridian Oil Inc.

Company

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.

Date Surveyed

Neale C. Edwards

Signature & Seal of
Professional Surveyor

Certificate No.

6857

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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FILE	
U.S.O.B.	
LAND OFFICE	
TRANSPORTER	OIL
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

I.

Operator
Meridian Oil Inc.

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

Reason(s) for filing (Check proper box)

☐ New Well	Change in Transporter of:	Other (Please explain) Meridian Oil Inc. is Operator for El Paso Production Company
☐ Recompletion	☐ Oil	
☒ Change in Ownership	☐ Casinghead Gas	
		☒ Dry Gas
		☒ 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 Howell	Well No. 10	Pool Name, including Formation So. Blanco Pictured Cliffs	Kind of Lease State, Federal or Free	Lease No. SF 078566A
Location				
Unit Letter C	705	Feet From The North	Line and 1900	Feet From The West
Line of Section 35	Township 28N	Range 8W	NMPM, San Juan	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

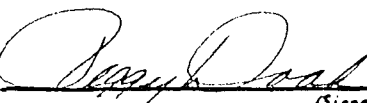
Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)	
Meridian Oil Inc.	P. O. Box 4289, Farmington, NM 87499	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this 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.	Unit Sec. Twp. Rge.	Is gas actually connected? When
	C 35 28N 8W	

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.

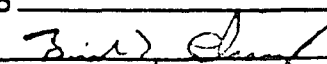
VI. CERTIFICATE OF COMPLIANCE

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 - 1 1986

APPROVED _____, 19____
BY 
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 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.

RECEIVED
NOV - 1 1986
OIL CON. DIV

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse 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 ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. SF 078566-A	
2. NAME OF OPERATOR El Paso Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 990, Farmington, N. M. 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 705' N, 1900' W		8. FARM OR LEASE NAME Howell	
14. PERMIT NO.		9. WELL NO. 10	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6216' G.L.		10. FIELD AND POOL, OR WILDCAT So. Blanco P.C.	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T28N, R8W N.M.P.M.	
		12. COUNTY OR PARISH San Juan	
		13. STATE N. M.	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

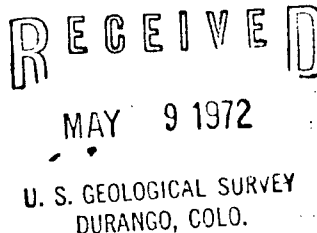
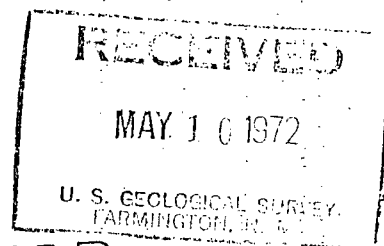
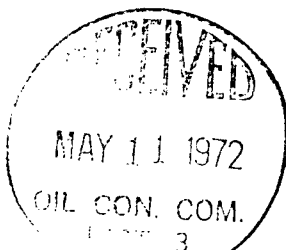
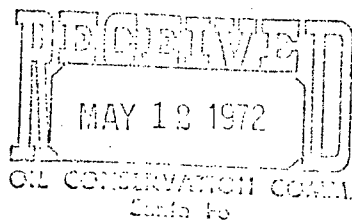
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☒ Install Tubing	XX

(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.)*

3-29-72: Installed 81 joints (2625.09 feet) of 1-1/4", 2.4 lb./ft.,
10 Rnd, I.J. tubing. Set at 2633 feet.



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

SIGNED

R. M. Beardsall

TITLE

Production Engineer

DATE

April 5, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

OIL CONSERVATION COMMISSION

BOX 697

120 EAST CHACO

AZTEC, NEW MEXICO

RECEIVED

NOV 24 1971

OIL CONSERVATION COMM.

NOTICE OF GAS CONNECTION

DATE November 23, 1971

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF GAS FROM

THE El Paso Natural Gas Company
OPERATOR

Howell #10
LEASE

"B" 1
WELL UNIT

35-28-8
S-T-R

South Blanco Pictured Cliff
POOL

El Paso Natural Gas Company
NAME OF PURCHASER

WAS MADE ON November 17, 1971 , FIRST DELIVERY November 19, 1971
DATE DATE

AOF 1,684
Choke 1,638
INITIAL POTENTIAL

El Paso Natural Gas Company
PURCHASER

Original Signed By W. M. Rodgers
REPRESENTATIVE

Chief Dispatcher
TITLE

CC: TO OPERATOR

OIL CONSERVATION COMMISSION - SANTA FE

F. N. WOODRUFF - EL PASO

BXXXXXX

FILE

624
12-2-71-16

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	GAS	1
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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 PO Box 990, Farmington, New Mexico 87401	
Reason(s) for filing (Check proper box)	OIL CONSERVATION COMM. SANTA FE
New Well ☒	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Howell	Well No. 10	Pool Name, including Formation So. Blanco Pictured Cliffs	Kind of Lease State, Federal or Fee	Lease No. SF 078566-A
Location Unit Letter C : 705 Feet From The North Line and 1900 Feet From The West				
Line of Section 35 Township 28N Range 8W, NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	PO Box 990, Farmington, NM 87401
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	PO Box 990, Farmington, New Mexico 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Pge. Is gas actually connected? When
	C 35 28N 8W

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 7-31-71	Date Compl. Ready to Prod. 8-23-71	Total Depth 2796'	P.B.T.D. 2785'					
Elevations (DF, RKB, RT, GR, etc.) 6216'GL	Name of Producing Formation Pictured Cliffs	Top Oil/Gas Pay 2640'	Tubingless Completion Depth Casing Shoe 2796'					
Perforations 2640-50', 2660-66', 2694-2700'								
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12 1/4"	8 5/8"	141'	90					
6 3/4"	2 7/8"	2796'	155					

V. TEST DATA AND REQUEST FOR ALLOWABLE (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	Water-Bble.	Gas-MCF	

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
AOF 1684	3 hours		
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Calc. A.O.F.		947	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.

PH Wood
(Signature)
Petroleum Engineer
(Title)
September 13, 1971
(Date)

OIL CONSERVATION COMMISSION

APPROVED SEP 14 1971
BY *Conny Church*
TITLE SUPERVISOR DIST. #3

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.

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 ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CESVR. ☐ RECEIVED

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 990, Farmington, New Mexico 87401

OIL CONSERVATION COMM.
SANTA FE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 705'N, 1900'W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF 078566-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Howell

9. WELL NO.

10

10. FIELD AND POOL OR WILDCAT

So. Blanco PC

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 35, T-28-N, R-8-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED 7-31-71 16. DATE T.D. REACHED 8-2-71 17. DATE COMPL. (Ready to prod.) 8-23-71 18. ELEVATIONS (DF, RES, RT, OR, ETC.)* 6216'GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2796' 21. PLUG, BACK T.D., MD & TVD 2785' 22. IF MULTIPLE COMPLETIONS, HOW MANY? 23. INTERVALS DRILLED BY 0-2796' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2640-2700' (PC) 25. WAS DIRECTIONAL SURVEY MADE? no

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES, FDC-GR, Temp. Survey

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"	24#	141'	12 1/4"	90 sks.
2 7/8"	6.4#	2796'	6 3/4"	155 sks.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

2640-50', 2660-66', 2694-2700', w/18 SPZ.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2640-2700'	30,000# sand, 30,000 gal. wtr.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	flowing	shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-23-71	3	3/4"					

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
---	SI 947			1684 MCF-AOF		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

D. R. Roberts

35. LIST OF ATTACHMENTS

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

SIGNED

Original Signed F. H. Wood

TITLE

Petroleum Engineer

DATE

September 13, 1971

*(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 identifying 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.)

FORMATION		STOP	BOTTOM	Casing Record (Feet)		Inner Record (Feet)		Casing Record (Feet)		Inner Record (Feet)		Casing Record (Feet)		Inner Record (Feet)		Casing Record (Feet)		Inner Record (Feet)		Casing Record (Feet)		Inner Record (Feet)	
Interval	Thickness	Top	Bottom	Weight	Length	Weight	Length	Weight	Length	Weight	Length	Weight	Length	Weight	Length	Weight	Length	Weight	Length	Weight	Length	Weight	Length
33. 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: Pictured Cliffs 2638'																							

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-363036
GPO 837-497

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

SUBMIT IN DUPLICATE.

RECEIVEDUNITED STATES
DEPARTMENT OF THE INTERIOR
AUG 25 1971
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

SF-078566-A

6. IF INDIAN, ALLOTTEE, OR TRIBE, NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Howell

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

So. Blanco P. C.

11. SEC. T. R. M. OR BLK. AND

SURVEY OR AREA

Sec. 35, T-28-N, R-8-W

N. M. P. M.

12. COUNTY OR PARISH

San Juan

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLSDo 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

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El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

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

705'N, 1900'W

14. PERMIT NO.

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

6216' GL

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

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF

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 pertinent to this work.)

7-31-71 Spudded well, drilled surface hole and ran 4 joints 8 5/8", 24#, J-55 surface casing (129') set at 141' w/90 sacks of cement circulated to surface. W. O. C. 12 hours, held 600#/30 Min.

8-3-71 T.D. 2796'. Ran 90 joints 2 7/8", 6.4#, J-55 production casing (2784') set at 2796' w/155 sacks of cement. W. O. C. until completion.

8-11-71 P.B.T.D. 2785'. Perf. 2640-50', 2660-66', 2694-2700' w/18 SPZ. Frac w/30,000 gal. 10/20 sand, 30,000 gal. water, dropped 2 sets of 18 balls, flushed w/630 gal. water.

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AUG 20 1971

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

SIGNED Original Signed F. H. WOODTITLE Petroleum EngineerDATE 8-13-71

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 990, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

705°N, 1900°W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

2795'

20. ROTARY OR CABLE TOOL

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6216' GL

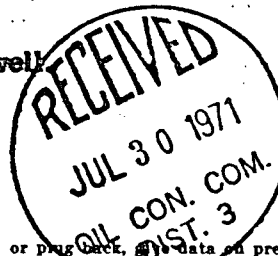
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	130'	90 Sks. to circulate
6 3/4"	2 7/8"	6.4#	2795'	155 Sks. to cover the Ojo Alamo

Selectively perforate and sand water fracture the Pictured Cliffs formation

The NW/4 of Section 35 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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. If proposal is to plug back, give pertinent data on blowout preventer program, if any.

24.

Original Signed By:

SIGNED

L. O. Van Ryan

TITLE

Petroleum Engineer

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Okul

*Hold C-10P for NSC
Notified 7-30-71*

*See Instructions On Reverse Side

30 045 20826
SP 078564-A
INDIAN, ALLOTTEE OR TRIBES NAME
UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
9. WELL NO.
10. FIELD AND POOL, ONLY IF LOCATED
11. SEC., T., R., M., OR BLM. AND SURVEY
12. COUNTY OR PARISH
13. STATE
14. APPROX. DATE WHEN WELL WILL START*

San Juan New Mexico

160.00

Rotary

22. APPROX. DATE WHEN WELL WILL START*

incidental

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JUL 30 1971
OIL CON. COM.
DIST. 3

20-78

Item 33: Consider submitting...
Item 12: and 13: It will be...
Item 14: The location of the well cannot be...
Item 15: The location of the well cannot be...
Item 16: The location of the well cannot be...
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Item 100: The location of the well cannot be...

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

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

Form O-100
Supersedes C-128
Effective 1-1-65
AMJ 50
71 AUG 2

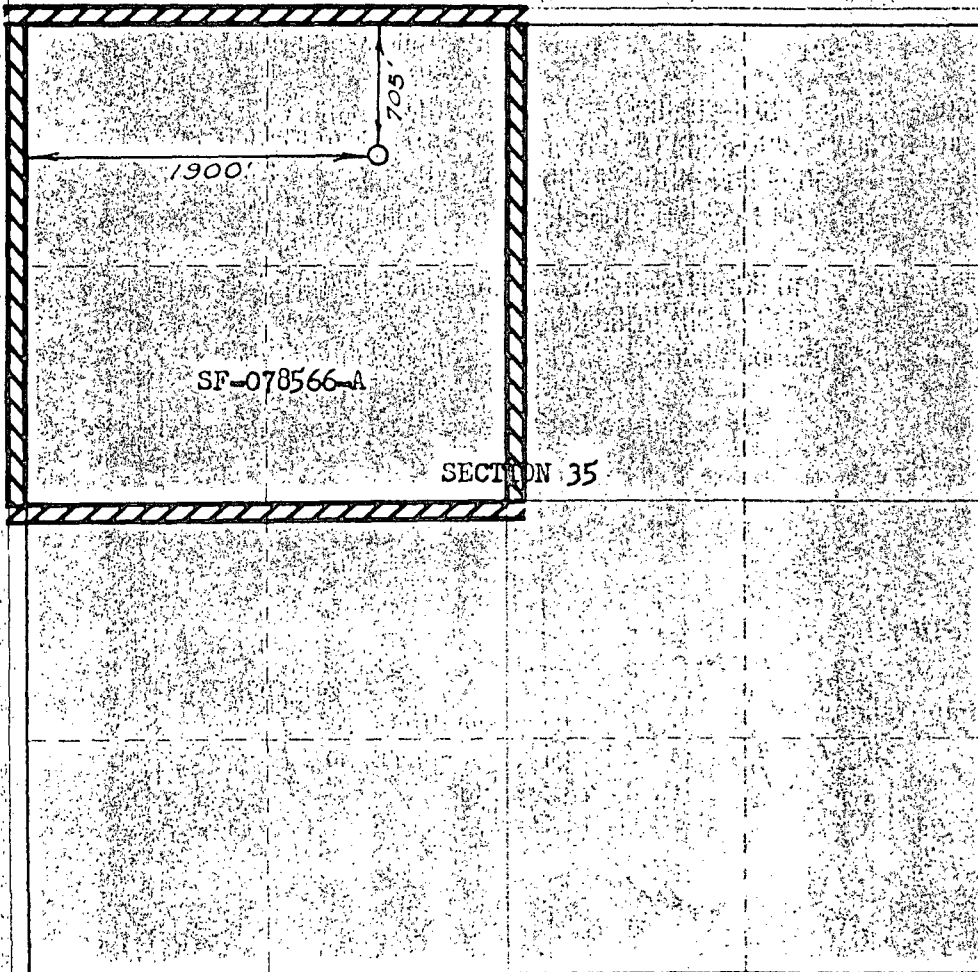
Operator EL PASO NATURAL GAS COMPANY		Locality HOWELL		Section (SF-078566-A)	
Unit Letter C	Section 35	Township 28-N	Range 8-W	County SAN JUAN	
Actual Well Location of Well 705 feet from the NORTH line and 1900 feet from the WEST line					
Ground Level Elev. 6216	Producing Formation PICTURED CLIFFS		Section SOUTH BLANCO PICTURED CLIFFS		Section 160.00

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (If more than one, list on 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 unit, eliminating such interests, has been approved by the Commission.



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JUL 30 1971
CERTIFICATION
OIL CON. COM.
DIST. 3

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

Witness my hand and seal this _____ day of _____, 1971.

L. O. Van Ryan
Petroleum Engineer
El Paso Natural Gas Company
July 29, 1971

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

MAY 17, 1971

[Signature]
1760



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS ROAD - AZTEC

87410

July 30, 1971

MAINTENANCE
AUG 3 50
GOVERNOR
BRUCE KING
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

Mr. Carl Matthews
El Paso Natural Gas Company
Box 990
Farmington, New Mexico 87401

Re: El Paso Natural Gas Company
Howell #10, C-35-28N-8W

Dear Mr. Matthews:

The Notice of Intention to Drill the subject well indicates the location to be 705 feet from the north line and 1900 feet from the west line of the section.

A standard location is at least 790 feet from the outer boundary of the dedicated tract and not closer than 130 feet to an inner boundary of the tract.

Approval of the location must be secured before production of the well can be approved.

If there are questions please contact us.

Yours very truly,

A. R. Kendrick
Engineer, District III

cc: OCC, Santa Fe, New Mexico



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: 9-21-89

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

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SEP 25 1989

OIL CONSERVATION DIV.
SANTA FE

Gentlemen:

I have examined the application dated 9-17-89
for the MERIDIAN OIL INC. HOWELL #10
Operator Lease & Well No.

C-35-280-805 and my recommendations are as follows:
Unit, S-T-R

[Signature]

Yours truly,

[Signature]



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 10-17-89

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL A _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

NSL-2700

Gentlemen:

I have examined the application dated 9-19-89
for the Meridian Oil Inc. Howell #10 C-35-28N-8W
Operator Lease and Well No. Unit, Block

and my recommendations are as follows:

Approve

Yours truly,

Earl Busch