



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 17, 1997

RECEIVED
MAR 20 1997

OIL CON. DIV.
DIST. 3

Burlington Resources Oil & Gas, Inc.
San Juan Division
P.O. Box 4289
Farmington, New Mexico 87499-4289
Attention: Peggy Bradfield

Administrative Order NSL-3775

Dear Ms. Bradfield:

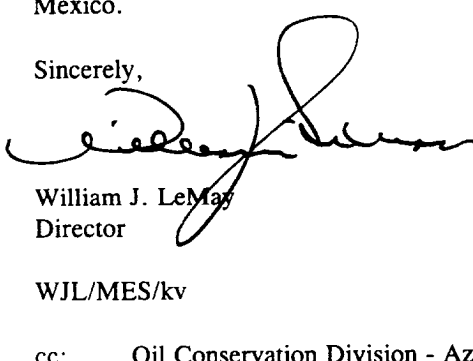
Reference is made to your application dated February 13, 1997 for an unorthodox Blanco-Mesaverde gas well location on an existing 317.30-acre gas spacing and proration unit ("GPU") for said Blanco-Mesaverde Pool comprising Lots 7, 8, 9, 10, 15, 16, 17, and 18 (the W/2 equivalent) of Section 31, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Said GPU presently has dedicated thereon the Atlantic "C" Well Nos. 4 (API No. 30-045-10046) and 4-A (API No. 30-045-22390) located in Lots/Units "15/N" and "9/E", respectively, of said Section 31.

By the authority granted me under the provisions of Rule 2(d) of the "*General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool*", as promulgated by Division Order No. R-8170, as amended, the following described well located at an unorthodox gas well location in said Section 31 is hereby approved:

Atlantic "C" Well No. 4-B ✓
2495' FSL - 2310' FWL (Lot 15/Unit K) 31-31N-10W
API No. 30-045-29298

Further, Burlington Resources is authorized to simultaneously dedicate Blanco-Mesaverde gas production on the subject GPU from the No. 4-B well with the two existing Well Nos. 4 and 4-A. Said wells and GPU will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest New Mexico.

Sincerely,


William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington

BURLINGTON RESOURCES

SAN JUAN DIVISION
February 13, 1997

Sent Federal Express

Mr. William LeMay
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RECEIVED
FEB 14 1997

OIL CON. DIV.
DIST. 3

Re: Atlantic C #4B
2495'FSL, 2310'FWL Section 31, T-31-N, R-10-W, San Juan County, New Mexico
API # 30-045-29298

Dear Mr. LeMay:

Burlington Resources is applying for administrative approval of a non-standard location for the above location in the Mesa Verde formation. This well was originally drilled and completed in 1995 as a pressure observation well only. It was located strategically to be equidistant to the four surrounding wells for reservoir analysis as shown on the attached plat. It is now intended to produce the well to further study the reservoir pressure in the surrounding wells.

The following attachments are for your review:

1. Application for Permit to Drill.
2. Completed C-102 at referenced location.
3. Offset operators/owners plat and certification of notification
4. 7.5 minute topographic map showing the orthodox windows, and enlargement of the map to define topographic features.
5. Plat showing location of well in reference to surrounding wells for pressure observation.
6. Plat of Section 31 showing all wells.

We appreciate your earliest consideration of this application.

Sincerely,



(Peggy Bradfield
Regulatory/Compliance Representative

WAIVER

_____ hereby waives objection to Burlington Resources' application for a non-standard location for their Atlantic C #4B as proposed above.

By: _____ Date: _____

xc: Amoco
Great Western Drilling

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OCT 12 PM 3:00

1a. Type of Work DRILL	5. Lease Number NM-0607 070 FARMINGTON, NM Unit Reporting Number
1b. Type of Well GAS (Arc)	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL	7. Unit Agreement Name
3. Address & Phone No. of Op. PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Atlantic C 9. Well Number 4B
4. Location of Well 2495' FSL, 2310' FWL Latitude 36° 51.3, Longitude 107° 55.5	10. Field, Pool, Wildcat Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) Sec 31, T-31-N, R-10-W API # 30-045-
14. Distance in Miles from Nearest Town 3 miles to Aztec, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 2310'	
16. Acres in Lease	17. Acres Assigned to Well 317.30 W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1700'	
19. Proposed Depth 5288'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6048' GR	22. Approx. Date Work will Start 4th quarter 1995

23. Proposed Casing and Cementing Program

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

24. Authorized by: 
Regional Drilling Engineer

10/10/95
Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

Effective OCT 28 1995

OPERATOR


DISTRICT MANAGER

Part I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Hondo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form 1
Revised February 21,
Instructions on
Subject to Appropriate District
State Lease - 4 C
Fee Lease - 3 C

RECEIVED
BLIND MAIL ROOM
55 OCT 10 PM 3:00

☐ AMENDED RE:

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 6804	Property Name Atlantic C	Well Number 4B
OGRID No. 14538	Operator Name Meridian Oil Inc.	Elevation 6048'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	31	31 N	10 W		2495	South	2310	West	S.J

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres w/317.20	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 2642' 64' 8 7 NM NM-0607 2644' 92' 9 10 2310' 16 15 2495' 17 18 2636' 70'	14' 2652' 6 5 11 12 14 13 19 20 2646' 160'	17 OPERATOR CERTIFICATE I hereby certify that the information contained here true and complete to the best of my knowledge and believe. Signature Peggy Bradfield Printed Name Regulatory Administrator Title 10-10-95 Date 9-19-95 Date of Survey Signature HERNANDEZ 8857 6857 Certificate Number
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED
OMB NO. 1004-0137
EXPIRES: December 31, 1991

1. NAME DESIGNATION AND SERIAL NO.

NM-0607

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Atlantic C #4B

9. API WELL NO.

30-045-29298

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec.31, T-31-N, R-10-W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

12. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Pressure Obser.

13. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. CENVR. ☐

Other

2. NAME OF OPERATOR

Meridian Oil Inc

3. ADDRESS AND TELEPHONE NO.

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

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

At surface 2495' FSL, 2310' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

12-3-95

16. DATE T.D. REACHED

1210-95

17. DATE COMPL. (Ready to prod.)

1-10-96

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

6048 GR, 6061 KB

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD

5328

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-5328

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4310-5211 Mesaverde

25. TYPE ELECTRIC AND OTHER LOGS RUN

GR, ILD, CDL, CNL

27. WAS WELL CORROD

Yes

26. CARING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36#	228	12 1/4	260 cu.ft.	
7	20#	3013	8 3/4	912 cu.ft.	

28. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	2879	5328	525 cu.ft.		2 3/8	4901	4528

31. PERFORATION RECORD (Interval, size and number)

4310, 4318, 4328, 4356, 4364, 4378,
4386, 4431, 4444, 4461, 4488, 4510,
4553, 4593, 4618, 4638, 4653, 4671,
4687, 4778, 4844, 4946, 4960, 4979,
4987, 5013, 5037, 5057, 5110, 5211

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4310-5211	60 bbl 7 1/2% HCl

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Pressure observation well				SI	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
			→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
SI 668	SI 375	→					
3A. DISPOSITION OF GAS (Sold, burned, gas lift, vented, etc.)							

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined by me or a duly authorized representative.

SIGNED

[Signature]

TITLE Regulatory Administrator DATE 1-12-96

*(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 a Federal agency or to the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

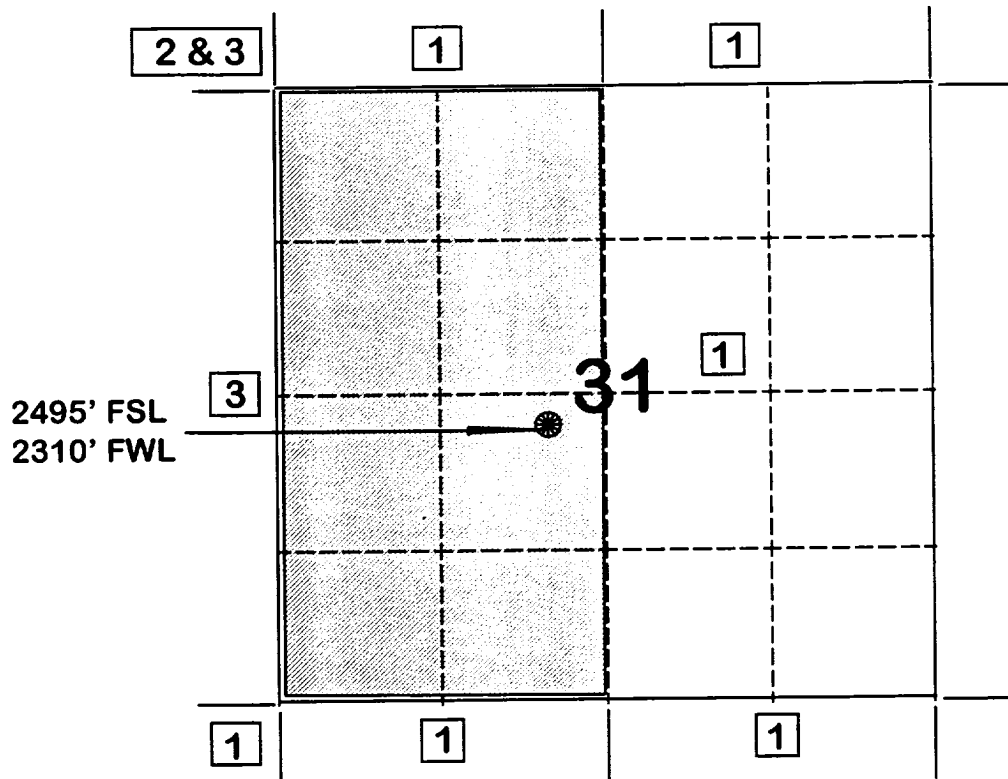
ACCEPTED FOR RECORD

JAN 23 1996

BURLINGTON RESOURCES OIL AND GAS COMPANY

**Atlantic C #4B
OFFSET OPERATOR \ OWNER PLAT
Non Standard Location
Mesaverde Formation Well**

Township 31 North, Range 10 West



- 1) Burlington Resources Oil and Gas Company
- 2) Amoco Production Company
Attn: Bruce Zimney
P.O. Box 800
Denver, CO 80201
- 3) Great Western Drilling
P.O. Box 1659
509 North Lorraine
Midland, TX 79702

Re: Atlantic C #4B
2495'FSL, 2310'FWL Section 31, T-31-N, R-10-W, San Juan County, New Mexico
API # 30-045-29298

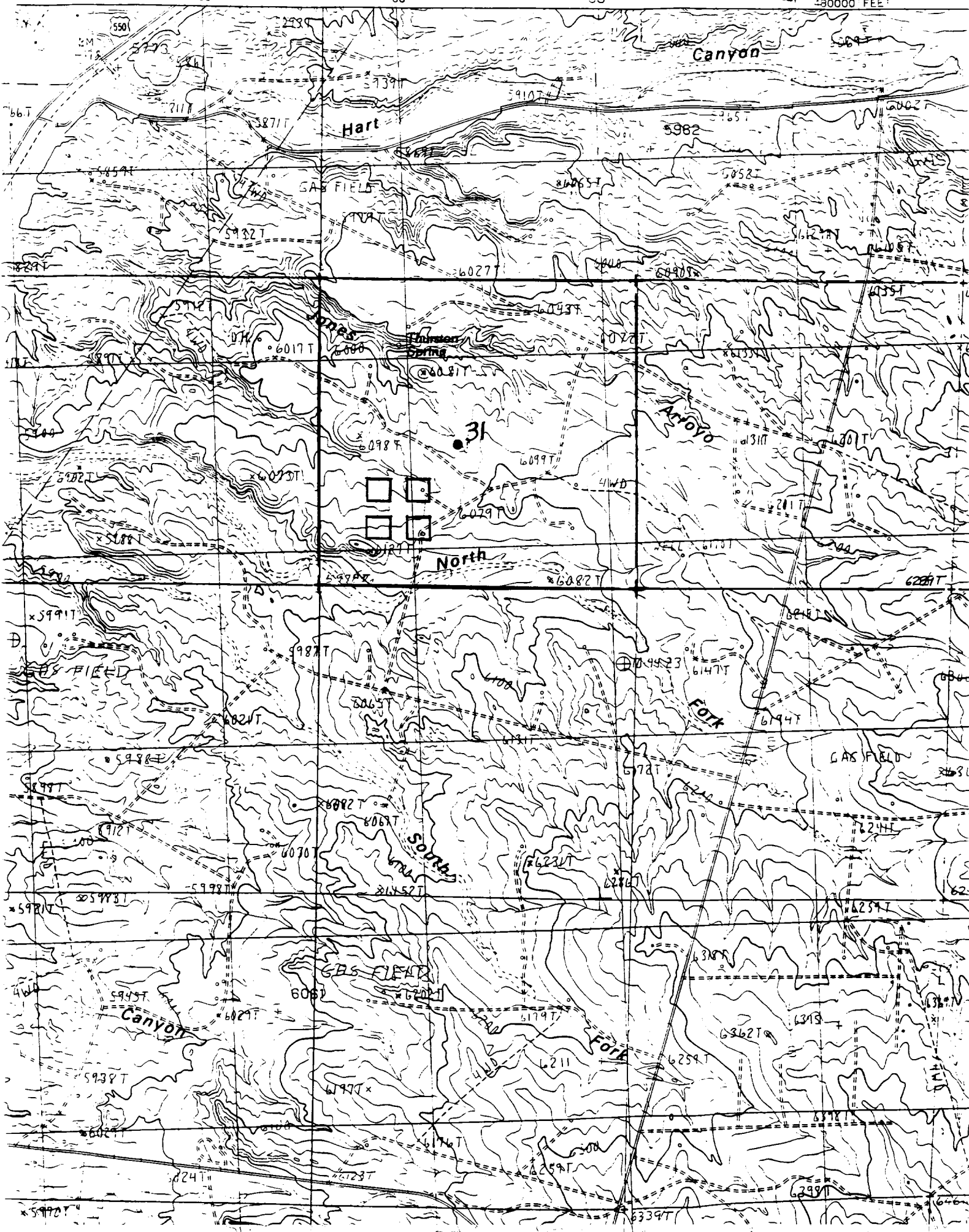
I hereby certify that the following offset operators/owners have been mailed notification of our application for non-standard location to drill the referenced well.

Amoco Production
Att: Bruce Zimney
PO Box 800
Denver, CO 80201

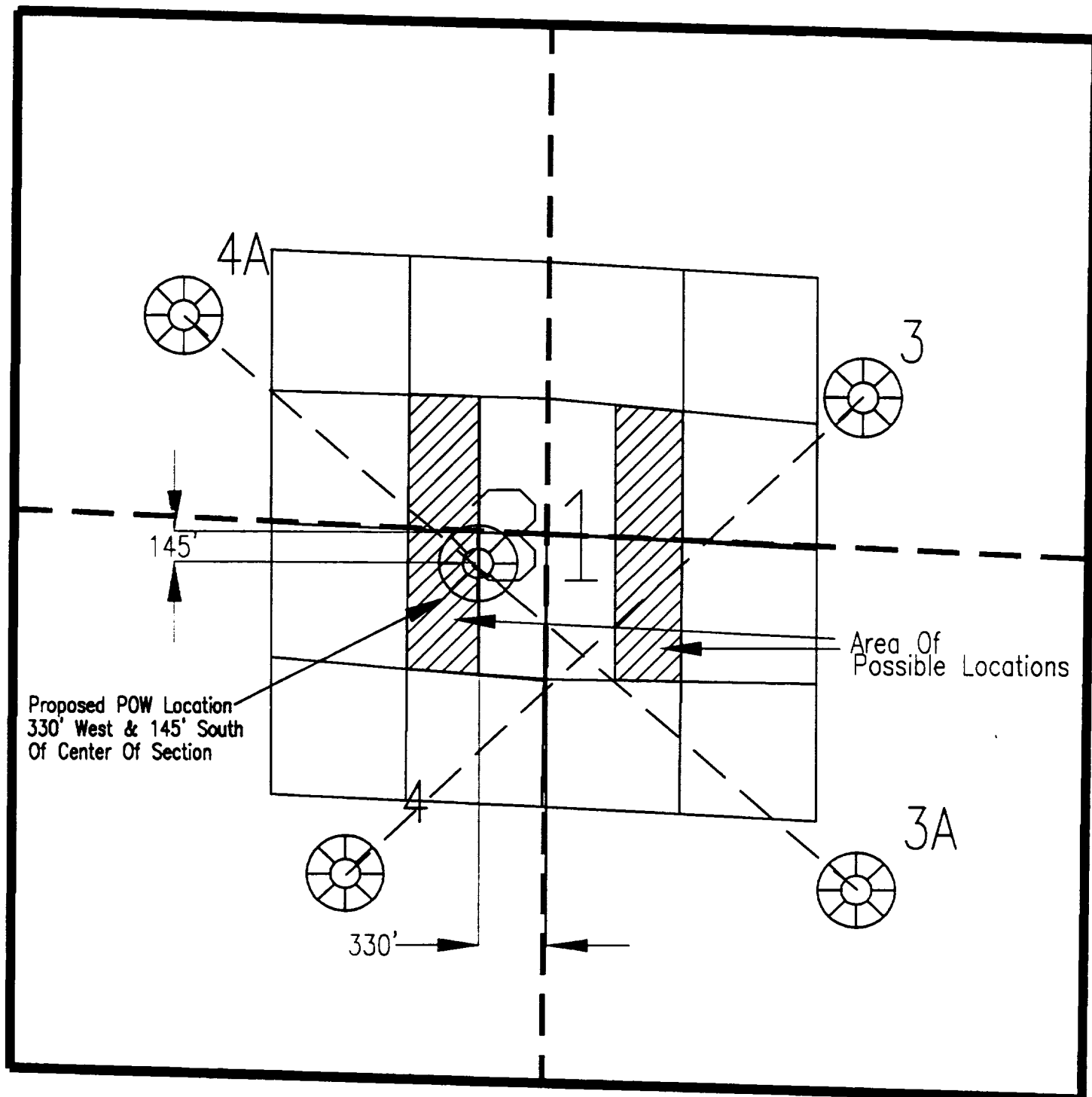
Great Western Drilling
PO Box 1659
509 North Lorraine
Midland, TX 79702

A handwritten signature in black ink, appearing to read "Peggy Bradfield". The signature is fluid and cursive, with the first name "Peggy" being more prominent than the last name "Bradfield".

Peggy Bradfield
Regulatory/Compliance Administrator



Burlington Resources Oil and Gas Inc.
Atlantic C # 4B
NENESW Sec 31-31N-10W



Atlantic C # 4B
Section 31, T31N R10W
San Juan Co., New Mexico

