

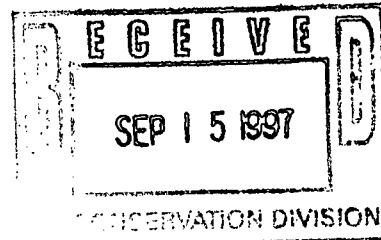
NSL 10/6/97

BURLINGTON RESOURCES

SAN JUAN DIVISION

September 12, 1997

Federal Express



Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Ute Com #23
1820'FNL, 1580'FEL Section 19, T-32-N, R-14-W, San Juan County, NM
2594'FNL, 1298'FEL Section 19, T-32-N, R-14-W, San Juan County, NM
API #30-045-29265

Dear Michael:

On August 7, 1997 we submitted to you an application for a bottomhole non-standard location for the referenced well. Burlington Resources proposes to sidetrack the Ute Com #23 well in Barker Dome field in order to recover reserves not otherwise recoverable. This well was drilled and completed in 1995 in the Desert Creek formation at an orthodox location. This anticipated bottom hole location for the proposed sidetracked wellbore will be outside the designated windows for the Desert Creek.

Log analysis indicates that the well should be producing at significantly better rates than it is currently producing. These low production rates could be a result of wellbore damage and/or lack of natural fractures in the wellbore. The sidetrack will be designed to intersect the Desert Creek formation at high angles in order to: 1) intersect as many fractures as possible, 2) maximize the total wellbore exposure to the most porous interval of the Desert Creek, and 3) get away from possible wellbore damage.

The Ute Com #23 is a direct offset to the Ute #24, the best Desert Creek producer in Barker Dome field (Figure 1). A comparison between initial potential and estimated ultimate recovery between the Ute Com #23 and Ute #24 show significant differences, even though the log signature between the wells looks very similar (Figure 2). The Ute #24 had an initial potential of 6.3 MMCFPD from the Desert Creek, while the Ute Com #23 had an IP of 0.5 MMCFPD, also from the Desert Creek. The estimated ultimate recovery between the two wells is 7.6 BCF versus 0.8 BCF, respectively. However, the feet of dolomite with density porosity values greater than 10% indicate 22' of pay for the Ute Com #23 versus 24' of pay for the Ute #24. The 2 feet of difference in pay between the two wells is not enough difference to account for the significant discrepancy in production.

Completing the Ute Com #23 proved difficult, which probably resulted in formation damage and ultimately poor production rates. Multiple stimulation attempts were necessary before finally squeezing, re-perforating and fracing the Desert Creek successfully.

Mr. Michael Stogner
Page Two
September 12, 1997
Ute Com #23

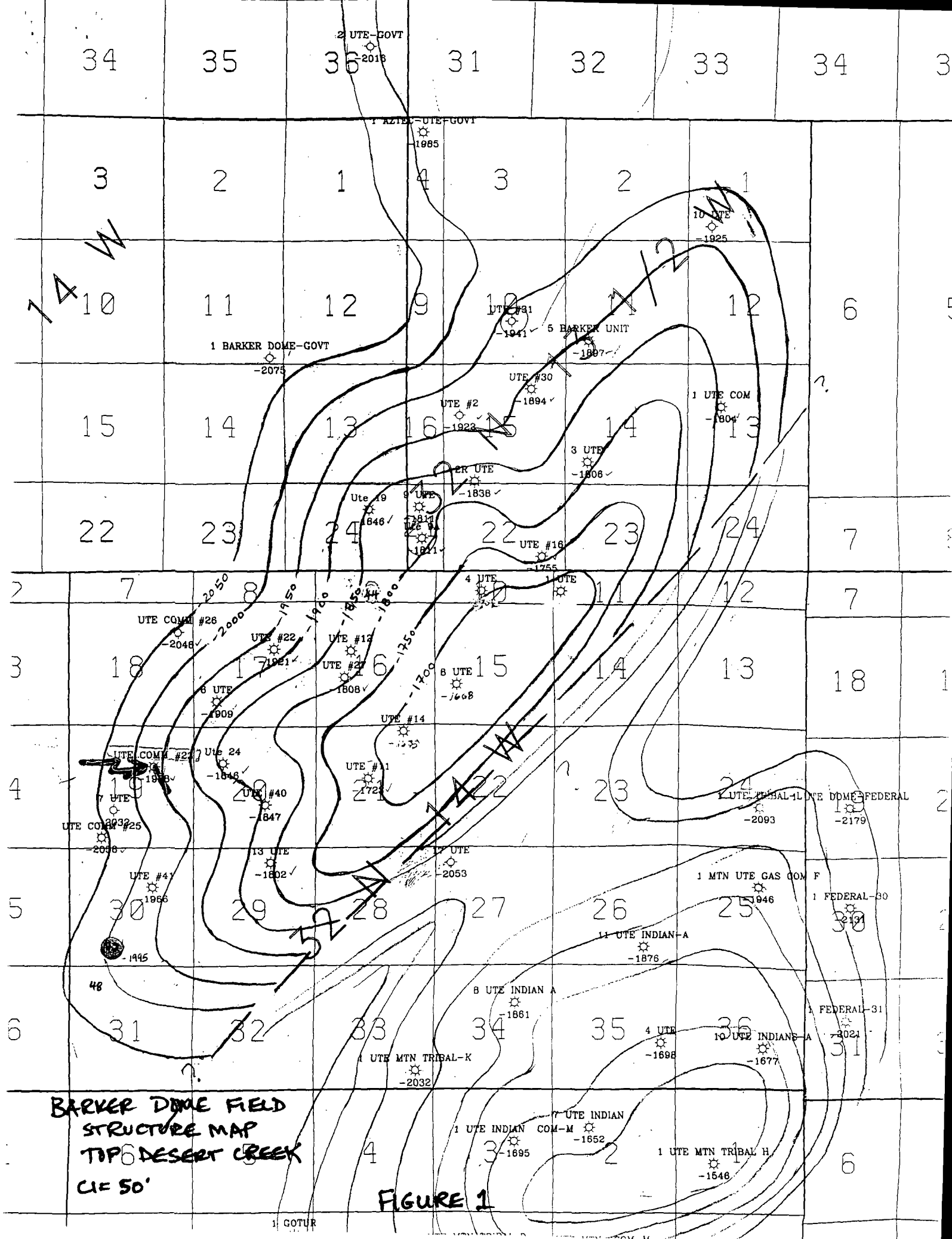
The high angle sidetrack will be oriented in the southeasterly direction (S20°E) for two reasons. The primary reason is to intersect as many fractures as possible. FMI analysis of wells in Barker Dome indicate the fracture orientation in the Desert Creek and Akah formations to range between 40-80° NE-SW, but average N75°E in the vicinity of the Ute Com #23. The southeasterly orientation of the wellbore also exposes the wellbore to the thickest net pay area within the Desert Creek. A net pay map of the Desert Creek shows the porosity trend within the Desert Creek to trend northeast-southwest, with the thickest pay area located to the east and south of the Ute Com #23 (Figure 3). A wellbore oriented in any other direction would not maximize on both fracture intersection and net pay.

We have attached Figures 1, 2 and 3 for your use. Please let me know if you need any additional data. We appreciate your earliest consideration of this application.

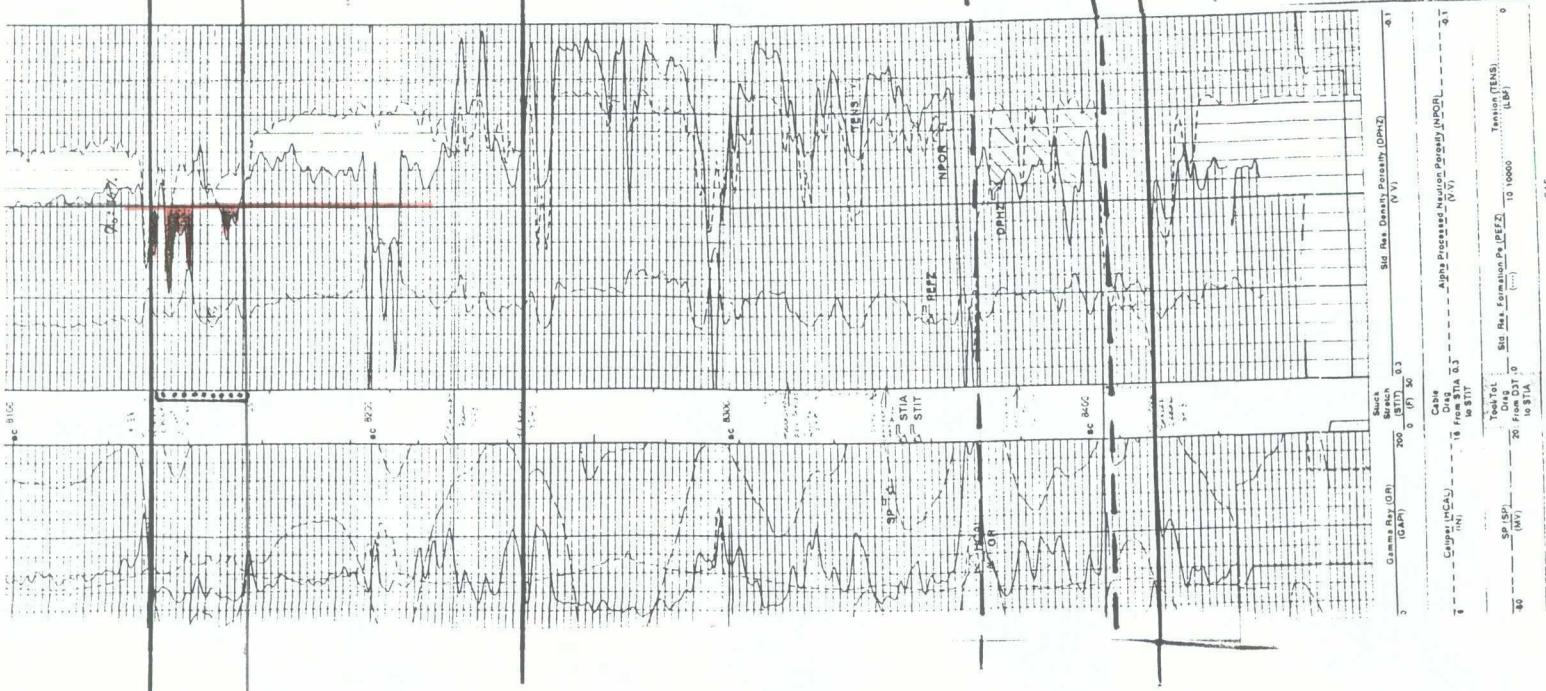
Thank you,

A handwritten signature in cursive script, appearing to read "Peggy Bradfield".

Peggy Bradfield
Regulatory/Compliance Administrator



Ute # 22



11-95

IP: 1.7 MMCFD
PF: Upper Smoky - 6' of perfs
Desert Creek - 27' of perfs
AKAH - 66' of perfs

EUR: 1.7 BCF

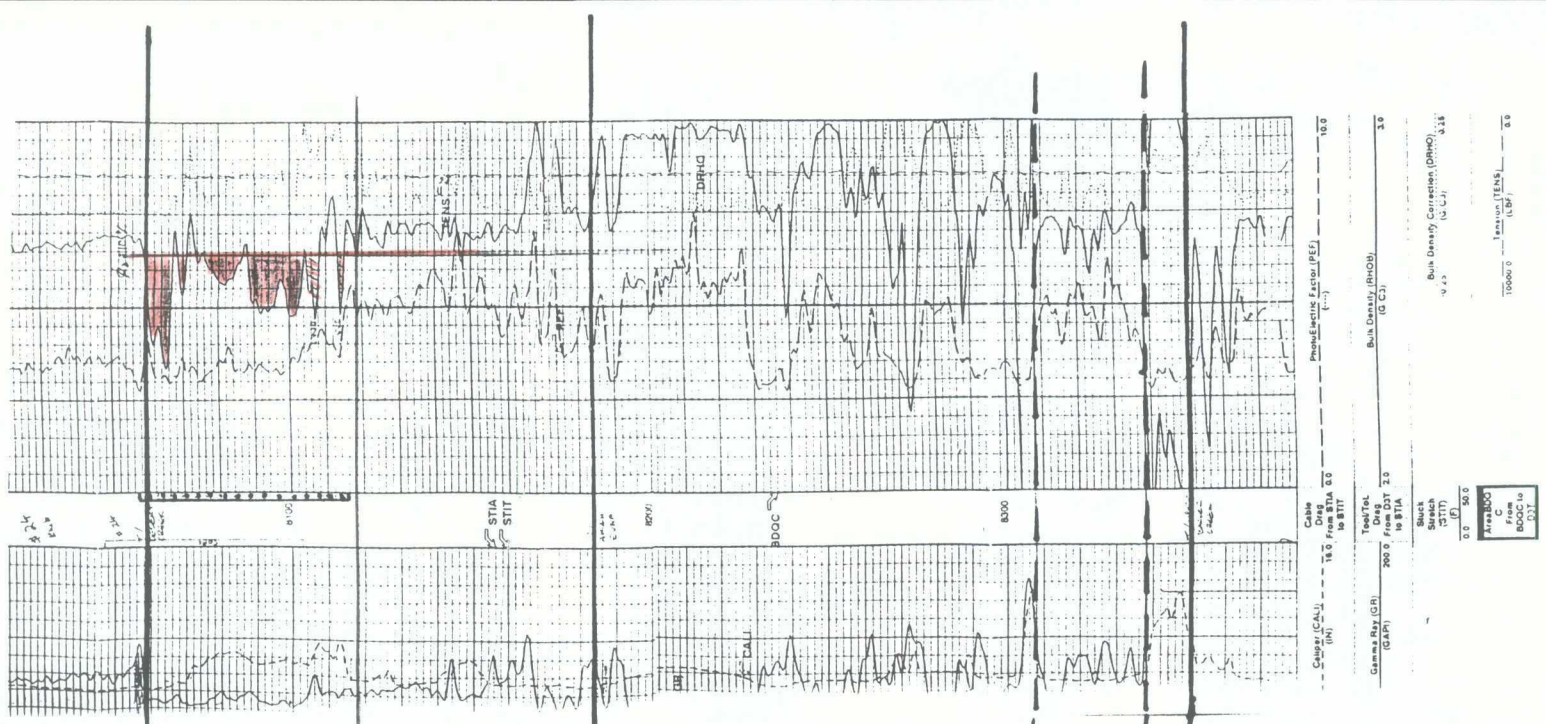
Ute Com # 23



7-95

IP: 0.56 MMCFD
PF: Desert Creek - 59' of perfs
EUR: 0.8 BCF

Ute # 24

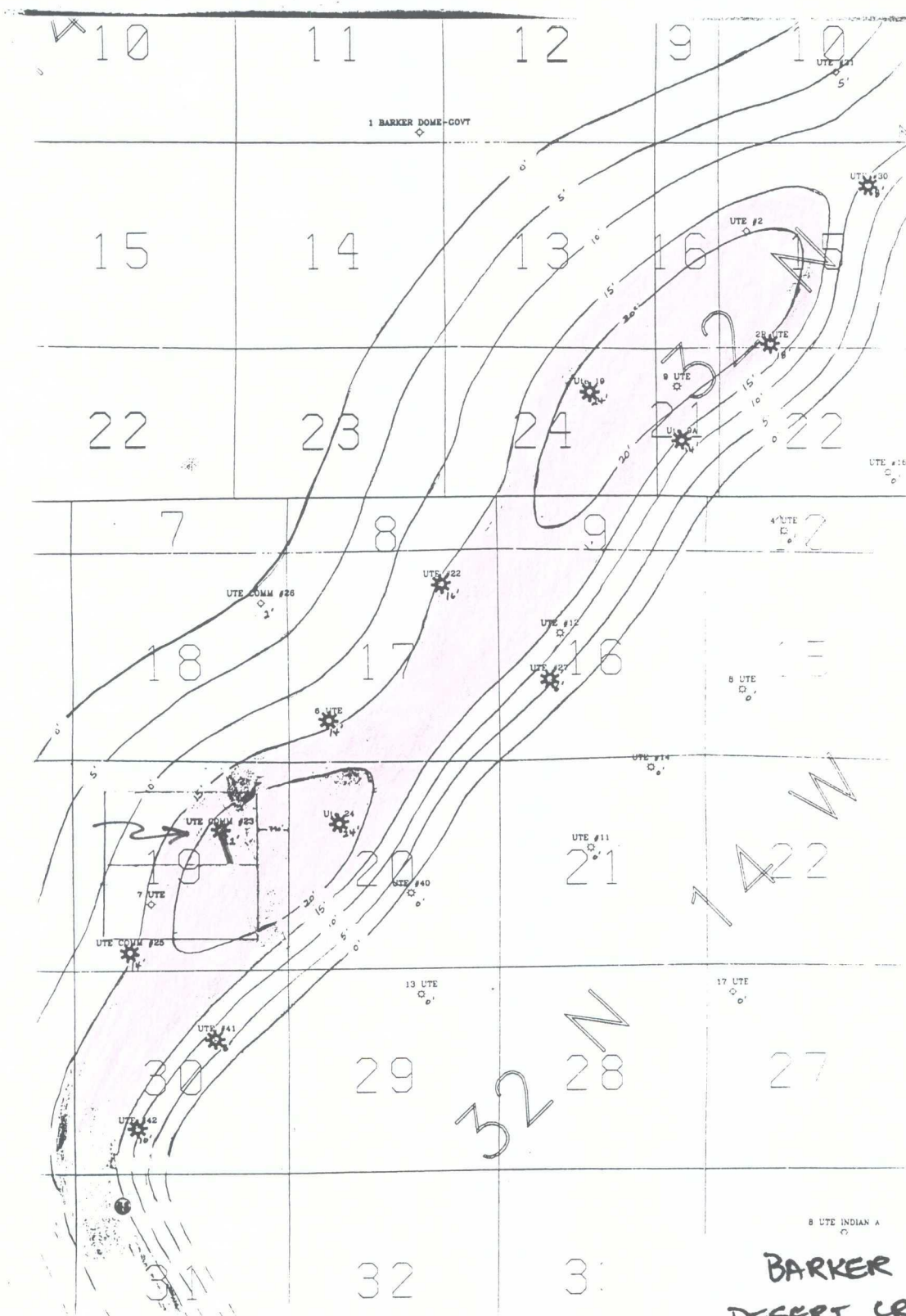


6-94

IP: 6.3 MMCFD
PF: Desert Creek - 59' of perfs
EUR: 7.6 BCF

FIGURE 2

■ - Ft of DOLOMITE
WITH $\phi_D > 10\%$



BARKER DOME FIELD
DESERT CREEK HORIZON
NET PAY MAP
FEET OF DOLOMITE W/ $\phi_D > 10\%$

FIGURE 3

BURLINGTON RESOURCES

SAN JUAN DIVISION

August 7, 1997

Federal Express

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Ute Com #23
1820'FNL, 1580'FEL Section 19, T-32-N, R-14-W, San Juan County, NM
2594'FNL, 1298'FEL Section 19, T-32-N, R-14-W, San Juan County, NM
API #30-045-29265

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard bottom hole location in the Desert Creek pool.

Burlington Resources is planning to sidetrack the Ute Com #23 and directionally drill to a new bottom hole location. This well was drilled and completed in 1995 in the Desert Creek formation at an orthodox location. This anticipated bottom hole location will be outside the designated windows for the Desert Creek.

Application is being made to the Aztec District Office of the New Mexico Oil Conservation Division for directionally drilling the well.

To comply with the New Mexico Oil Conservation Division rules, Burlington is submitting the following for your approval of this non-standard location:

1. Intent Sundry Notice for sidetrack and directional drill;
2. C-102 plat showing location of the well and the anticipated bottom hole location;
3. Plat showing offset owners/operators - Burlington is the offset operator;
4. Copy of Well Completion Log for original completion.

We appreciate your earliest consideration of this application.

Sincerely yours,


Peggy Bradfield
Regulatory/Compliance Administrator

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|---|---|
| <p>1. Type of Well
GAS</p> <hr/> <p>2. Name of Operator
BURLINGTON
RESOURCES
OIL & GAS COMPANY</p> <hr/> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M
1820' FNL, 1580' FEL, Sec. 19, T-32-N, R-14-W, NMPM</p> | <p>5. Lease Number
I-22-IND-2772</p> <p>6. If Indian, All. or
Tribe Name
Ute Mountain Ute</p> <p>7. Unit Agreement Name</p>

<p>8. Well Name & Number
Ute Com #23</p> <p>9. API Well No.
30-045-29265</p> <p>10. Field and Pool
Barker Dome Dst Cre</p> <p>11. County and State
San Juan Co, NM</p> |
|---|---|

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 - Sidetrack | |

13. Describe Proposed or Completed Operations

It is intended to sidetrack the subject well and recomplete in the Desert Creek formation. The existing wellbore will be plugged back to 7400' TVD.

A cement retainer will be set @ 7400' TVD, the Desert Creek perforations will be squeezed at 7400-8630' with 272 sacks (321 cu.ft., 100% excess) of cement. A whipstock will be set at 7400' TVD and oriented to 160 degrees azimuth (South 20 degrees East). A window will be cut in the 5 1/2" 17# casing. A 4 3/4" hole will be drilled with a 160 degree azimuth and a 6 degree per 100 foot build rate to 60 degree inclination. When 60 degree inclination has been reached the 60 degree inclination will be held through the Desert Creek formation. The anticipated new bottom-hole location will be a non-standard location at 2594' FNL, 1298' FEL, Section 19, T-32-N, R-14-W, 8800' TMD to 7250' TMD and horizontal displacement 824'. (See attached plat).

A 3 1/2" 9.3# K-55 EUE liner will be run from 8800' TMD to 7250' TMD and cemented with 135 sacks 50/50 Class "B" poz with 0.3% fluid loss, 0.25 pps Cellophane (lost circulation), 5 pps Gilsonite (177 cu.ft., 100% excess) 1.31 cu.ft. per sack. The Desert Creek will be selectively perforated and stimulated. Tubing will then be run into the well and the well will be returned to production.

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

Signed

[Signature]

Title Regulatory Administrator Date 8/6/97

(This space for Federal or State Office use)

APPROVED BY

Title

Date

Box 1998, Hobbs, NM 88241-1998
District II
PO Drawer 00, Aramis, NM 88211-8719
District III
1000 N. Brown Rd., Aramis, 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 C
Revised February 21, 1997
Instructions on
Submit to Appropriate District Office
State License - 4 C
Fee License - 3 C

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29265	Well Code 96353	Well Name Barker Dome Desert Creek
Property Code 17211	Property Name Ute Com.	Well Number 23
OGRIID No. 14538	Operator Name Burlington Resources Oil & Gas Company	Station 6259'

10 Surface Location

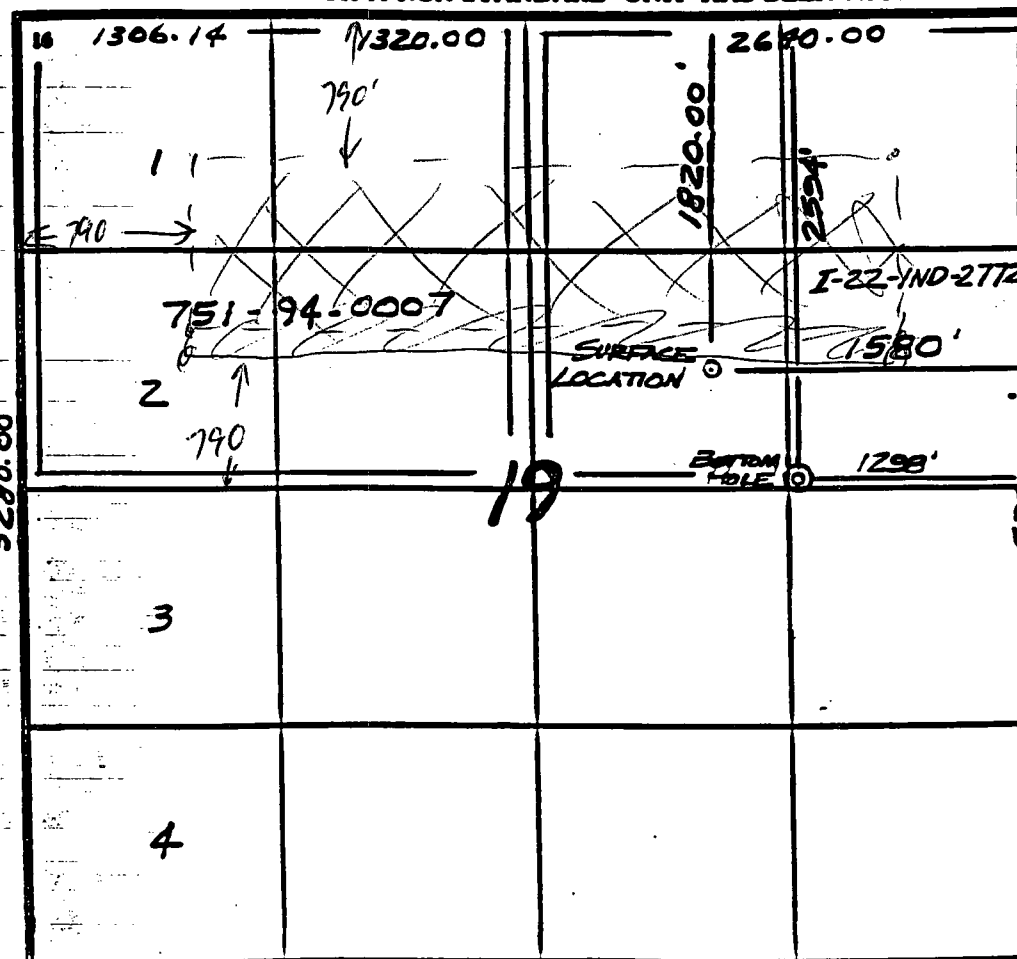
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	19	32N	14W		1820	North	1580	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	32N	14W		2594	North	1298	East	S.J.

Dedicated Acres N=320	Joint or Infill	Consolidation Code	Order No.
--------------------------	-----------------	--------------------	-----------

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



17 OPERATOR CERTIFICATE

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

Signature Peggy Bradfield
Printed Name Regulatory Administrator
Title 8-5-97
Date

18 SURVEYOR CERTIFICATE

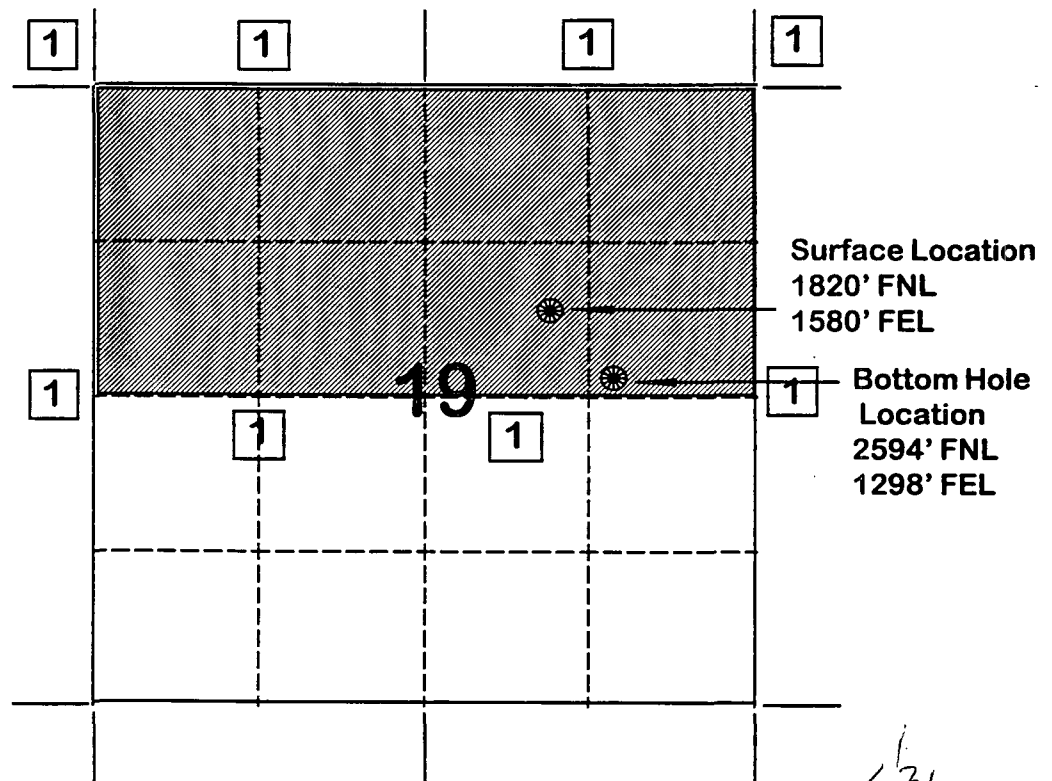
I hereby certify that the well location shown on this was plotted from field notes of actual surveys made or under my supervision, and that the same is true correct to the best of my belief.

August 4, 1997
Date of Survey
Signature NEAL C. EDWARDS
6857
6857
6857

BURLINGTON RESOURCES OIL AND GAS COMPANY

**Ute Com #23
OFFSET OPERATOR \ OWNER PLAT
Nonstandard Location
Barker Dome Desert Creek Formation Well**

Township 32 North, Range 14 West



1) Burlington Resources Oil and Gas Company

531
2840
2594
46

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN

FE*

her in-
line on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		12. COUNTY OR PARISH San Juan		13. STATE NM	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CEMVR. ☐ Other _____		14. PERMIT NO. N 11 1996		15. DATE ISSUED Durango, Colorado	
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 1820'FNL, 1580'FEL At top prod. interval reported below At total depth	
5. DATE SPECDED 7-7-95		6. DATE T.D. REACHED 7-21-95		7. DATE COMPL. (Ready to prod.) 11-17-95	
8. ELEVATIONS (OF. RAB. RT. GR. ETC.) 6259 GR, 6277 KB		9. ELEV. CASING 8265-8324 Desert Creek		10. ELEV. CASING 8265-8324 Desert Creek	
11. TOTAL DEPTH. MD & TVD 8720		12. PLUG. BACK T.D. MD & TVD		13. IF MULTIPLE COMPL. HOW MANY*	
14. INTERVALS DRILLED BY 0-8720		15. ROTARY TOOLS		16. CABLE TOOL	
17. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8265-8324 Desert Creek		18. WAS DIRECT SURVEY MADE		19. WAS WELL CORN	
20. TYPE ELECTRIC AND OTHER LOGS RUN AIT-IDT-CNT-GR, DSS-BHC, FMI, EPT		21. WAS WELL CORN		22. WAS WELL CORN	
23. CARING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
16		24#		77	
8 5/8		17#		1042	
5 1/2				8718	
HOLE SIZE		TOP OF CEMENT. CEMENTING RECORD		AMOUNT PUL	
12 1/4		6 yds grout			
7 7/8		844 cu.ft.			
		4959 cu.ft.			
24. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2 7/8		8276		8205	
25. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET	
2 7/8		8276		8205	
26. PERFORATION RECORD (Interval, size and number)					
8265-8324					
27. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
8265-8324		198,800# 20/40 Resin sd,			
		158,085 gal 35# linear ge.			
28. PRODUCTION					
DATE FIRST PRODUCTION 11-17-95		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing, shut-in) SI	
DATE OF TEST 11-17-95		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
11-17-95				765 Pitot Gauge	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
		SI 1090			
29. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold					
30. LIST OF ATTACHMENTS None					
31. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Regulatory Administrator		TITLE Regulatory Administrator		DATE 1-8-96	

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

OPERATOR'S COPY

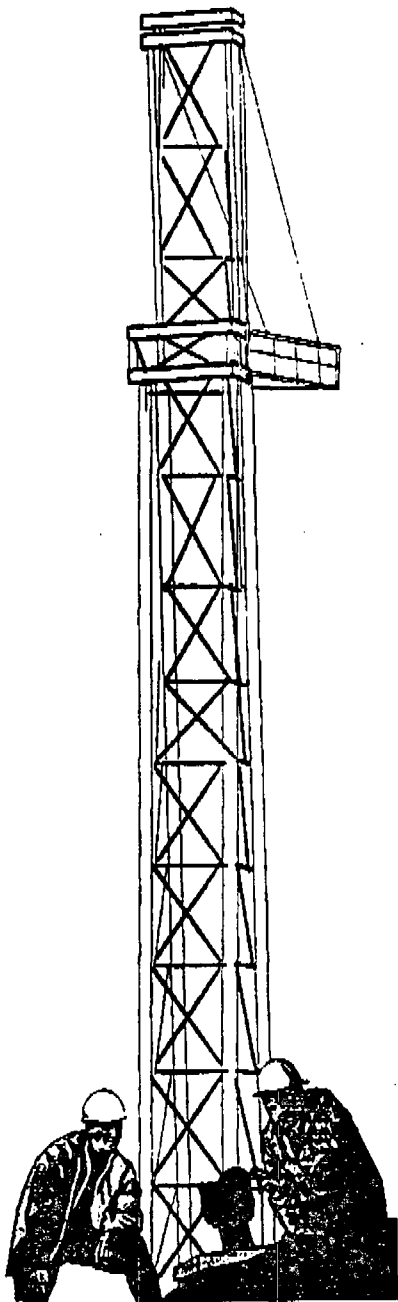
**BURLINGTON RESOURCES
OIL AND GAS COMPANY**

DRILLING DEPARTMENT

3535 EAST 30TH STREET. FARMINGTON, NM 87402

P.O. BOX 4289. FARMINGTON, NM 87489

(505) 326-9700 FAX: (505) 326-9563



DATE:

10/31/97

TO:

Michael Stogner

COMPANY:

NMOCD - SF

TELECOPIER:

827-1389

FROM:

Seggy

NO. OF PAGES (including cover):

8

COMMENTS:

My e-mail isn't
working too well. The
APD on the #38 has
expired. After drilling the
#27, it was decided not
to drill the #38. Thanks
for your help.

FILE NUMBER LEASE NO LESSOR / LESSEE / ASSIGNOR
NM 189 000 20755900 UTE MTR 1-22-IND-2772
SOUTHERN UNION PRODUCTION CO
DELHI OIL CORPORATION
POT CODE SERIAL# / MMS AID RML SIS ENT DTE COMPANY
E 1-22-IND-2772 00 P 10/02/96 BRDG
6140027720000

ST COUNTY / RECORDING PROSPECT / BASIN / TREND ORIG ACRS ACCT GRS LSE GRS LSE NET COMP NET CHG ACRES BONUS/NET
NM SAN JUAN BARKER DOME (UTP-42) 8400.00 8400.00 8400.00 8400.00 8400.00 .00 .00
SAN JUAN BASIN
SAN JUAN BASIN

LSE DTE EFF DTE EXP DTE LSE TERM ASGN DTE RCDG DTE SIS DTE TERM DTE TERM REASON C/O CODE OWNERSHIP INT RATE TRIMINT ACQ#
05/01/47 05/01/47 11/15/1951 4YR6MO 07/01/50 00/00/00 10/02/96 00/00/00
COMM TYPE TYP
OG IT LH

LEASE GEOGRAPHIC INFORMATION:
ST TOWN RANGE SECTION SURVEY
MULTI
RCDG OLD AIS# OLD WORK ORDER NUMBERS

NM 032N 014W 007
NM 032N 014W 008
NM 032N 014W 009
NM 032N 014W 010
NM 032N 014W 011
NM 032N 014W 014
NM 032N 014W 015
NM 032N 014W 016
NM 032N 014W 017
NM 032N 014W 018
NM 032N 014W 019
NM 032N 014W 020
NM 032N 014W 021
NM 032N 014W 022
NM 032N 014W 023
NM 032N 014W 027
NM 032N 014W 028
NM 032N 014W 029
NM 032N 014W 030

OVERRIDING ROYALTY REMARKS

SUBJECT TO GRADUATED ORI

LEASE REMARKS

10-1-96: DELHI MI & ORRT CONVEYED TO TENNECO & CONTINENTAL BY INST 9/1/66.
LGS ALL TEST WELLS DRID UNDER ORIGINAL LSE OBLIGATIONS BY
CONSOLIDATION AGREEMENT ASSIGN OF SUB-LSE SUBJECT TO APPROVAL BY SO UNION GAS.
SO UNION RESERVES LAST 24 HOURS OF LSES UNDER ORIGINAL SUELEASE AGR.
SUBJ AGR DTD 8/8/52 BETWEEN DELHI, SO UNION & UTE MOUNTAIN TRIBE.
EPNG HAS NO INT IN 2080 ACS LOCATED IN LA PLATA CO, CO - SEE CO 190.
FORMERLY SUBJ TO GAS STORAGE LSE AGR DTD 9/12/77 BIVAN UTE MTR TRIBE & EPNG

===== RELATED/COMPANION FILES =====
RELATED FILE TYP R/B RELATED FILE TYP R/B

60565400 C
60755000 C
61076500 C
60585900 C
60565403 C
60565404 C
60565405 C

10/30/97
NM 189 000 -20755903

MERIDIAN OIL INC
LAND DEPARTMENT - LEASE RECORD

LNS802A
PAGE: 2

LEASE REMARKS

2 SUPRON ENERGY CORP (BARKER DOME). LSE 88P

RELATED FILE	COMPANION FILES
TYP R/B	RELATED FILE TYP R/B
60565406	C
NM 189 010	L
NM 189 220	L
NM 189 300	L
CD 190 000	L

POOLING PROVISIONS: CONSENT OF BUREAU OF INDIAN AFFAIRS
LEASE CONTAINS: REASSIGNMENT, CLAUSE(S)
THIS LEASE IS A CONSOLIDATION LEASE PER AGREEMENT ENTERED INTO EFF 5-1-67
BETWEEN UTE MTN TRIBE AND SOUTHERN UNION PROD WHEREBY 1-22-IND-2485 AND
1-22-IND-2747 WERE CONSOLIDATED UNDER 1-22-IND-2772.

ASSIGNMENT FROM EPNG TO EPCC APPROVED BY THE TRIBE EFFECTIVE 11-22-91
PER MEMO DTD 1-16-92 FROM DIST. PROSP # DESIGNATION WAS CHANGED TO #6742
(BARKER DOME) INSTEAD OF #4683 (SAN JUAN BASIN) AS PREV SHOWN ON LSE RECORD
THIS FILE NUMBER AS RECEIVED FROM UNION TEXAS ACQUISITION WAS LOADED ONTO
OUR COMPUTER OCT 1991 AS NM 9735 A220. FILE # CHANGED 12-2-91 TO --
NM 189 220. SEE FILE #6 OF 6" FOR LEASE PRINTS OF CHANGES. NM
ASSMT UTP/MOP1 APPROVED BY TRIBAL RESOLUTION #3853 DTD 1-15-92
6/30/93: FILE # CHANGE PER TOM MEACHAM DUE TO COM AGR; OLD FILE #020287-00

RELATED WELLS:

DP NO	WELL-NAME	STATUS	TYPE	STAT DTE	PROPERTY	DWIGHTS NUMBER
50146A	UTE	9A FLOW	GAS WELL	03/10/95	071569000	
60398A	UTE MTN UTE	40 FLOW	GAS WELL	12/02/96	002028702	
60450A	UTE MTN UTE	41 FLOW	GAS WELL	01/09/97	071668700	
60898A	UTE	22 FLOW	GAS WELL	12/19/96	0020287	
60451A	UTE MTN UTE	42 FLOW	GAS WELL	05/17/97	071668800	
3942	UTE	14 FLOW	GAS WELL	01/23/95	0020287	
3943	UTE	11 P & A	GAS WELL	04/11/96	0020287	
3945	UTE	13 P & A	GAS WELL	11/07/95	0020287	
3947	UTE	1 P & A	GAS WELL	11/20/90	0020287	
39478	UTE SHD	1 INJ	WATER DISP	12/01/90	0020287	
3948	UTE	4 FLOW	GAS WELL	11/01/93	0020287	
3949	UTE	6 FLOW	GAS WELL	03/16/93	0020287	
3950	UTE	8 P & A	GAS WELL	04/23/90	0020287	
39508	UTE	8 FLOW	GAS WELL	02/01/94	0020287	
3953	UTE	3 FLOW	GAS WELL	04/20/95	0020012	
3971	UTE	5 FLOW	GAS WELL	01/23/95	012553300	
3972	UTE	9 FLOW	GAS WELL	01/23/95	0020012	
22270A	BARKER	2 FLOW	GAS WELL	09/03/96	071380700	
22271A	BARKER	10 FLOW	GAS WELL	09/03/96	071380700	
22272A	BARKER	20 FLOW	GAS WELL	09/03/96	071380700	
22273A	BARKER	21 FLOW	GAS WELL	09/03/96	071380700	
22274A	BARKER	22 FLOW	GAS WELL	09/28/95	071380700	
57805A	UTE COM	25 FLOW	GAS WELL	01/11/96	071596200	
57806A	UTE COM	26 P & A	GAS WELL	05/30/95	071596200	
38949A	UTE	24 FLOW	GAS WELL	09/09/94	071565100	
57811A	UTE	27 FLOW	GAS WELL	12/21/95	0020287	
3944	UTE	12 FLOW	GAS WELL	01/23/95	0020287	
57808A	UTE COM	23 FLOW	GAS WELL	03/04/96	071596200	

10/30/97
NM 189 000 -20755900

MERIDIAN OIL INC
LAND DEPARTMENT - LEASE RECORD

LMS802A
PAGE: 3

ORIGINAL LEGAL DESC:

132N, R14W, N4PM, SEC 7: PART SEC 5 OF NEW MEXICO-COLORADO STATE LINE
SEC 8: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 9: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 10: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 11: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 14: ALL
SEC 15: ALL
SEC 16: ALL
SEC 17: ALL
SEC 18: E2
SEC 19: E2
SEC 20: ALL
SEC 21: ALL
SEC 22: ALL
SEC 23: ALL
SEC 27: N4W
SEC 28: ALL
SEC 29: ALL
SEC 30: N2

TRACT	TRACT	LESSORS	LESSORS	COMPANY	COMPANY	PROPORT	NON-PROP	NET	INT	MIN	DEPTH	LIMITATIONS
TR	GRS ACRE	NET ACRE	TRACT INT	SUB	NET ACRE	TRACT INT	BURDENS	BURDENS	BENE INT	TYP	TYP	
01	6320.00	6320.00	1.0000000	.1250000	01	6320.00	1.0000000	.0000000	.0000000	.8750000	RT	OG RECORD TITLE
					02	6320.00	1.0000000	.0000000	.0000000	.8750000	LH	GS OPERATING RIGHTS BELOW BA
					03	3160.00	.5000000	.0000000	.0000000	.4375000	LH	OG OPERATING RIGHTS SURFACE
												SE DAKOTA
												TO BASE OF DAKOTA

TRACT LEGAL DESCRIPTION

132N, R14W, N4PM,

SEC 7: PART SEC 5 OF NEW MEXICO-COLORADO STATE LINE
SEC 8: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 9: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 10: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 11: PART LYING S OF NEW MEXICO-COLORADO STATE LINE
SEC 14: ALL
SEC 15: ALL
SEC 17: ALL
SEC 18: E2
SEC 19: E2
SEC 20: N2
SEC 22: ALL
SEC 23: ALL
SEC 28: ALL
SEC 29: S2
SEC 30: N2

APE

PROSPECT

STS STAT DTE OLD PROP#

BARKER DOME (UT P 10/02/96

10/30/97
AM 189 000 -20755900

MERIDIAN OIL INC
LAND DEPARTMENT - LEASE RECORD

LMS802A
PAGE: 4

TRACT	TRACT	LESSORS	LESSORS	SUB	COMPANY	COMPANY	PROPORT	NON-PROP	NET	INT	MIN	DEPTH	LIMITATIONS
TR GRS ACRE	NET ACRE	TRACT INT	ROYALTY		NET ACRE	TRACT INT	BURDENS	BURDENS	BENE INT	TYP	TYP		
02	2080.00	2080.00	1.00000000	.12500000	01	2080.00	1.00000000	.00000000	.00000000	.8750000	RI	OG	RECORD TITLE
					02	2080.00	1.00000000	.00000000	.8750000	LH	OG	OPERATING RIGHTS BELOW DA	

KOTA
OG OPERATING RIGHTS SURFACE
TO BASE DAKOTA

TRACT LEGAL DESCRIPTION
T32N, R14W, N4PM, SEC 16: ALL
SEC 20: S2
SEC 21: ALL
SEC 27: N4
SEC 29: N2

AFF PROSPECT
HUBERFANITO P 10/02/96

LEASE CHAIN OF TITLE:

SEQ INSTRUMENT	DATE	FROM	TO	INTEREST CONVEYED	ACRES
01	09/26/41	BIA 1-22-IND-2772	SOUTHERN UNION PROD CO	100%	4960.00
02	01/01/46	UTE MTN TRIBE	J B SENA JR	100%	1440.00
03	01/01/46	UTE MTN TRIBE	SOUTHERN UNION PROD CO	100%	2000.00
04	08/01/46	J B SENA JR ET UX	SOUTHERN UNION PROD CO	100%	1440.00
05	09/01/46	SOUTHERN UNION PROD CO	BARKER DOME O&G CO	100% BELOW DAKOTA	3040.00
06	09/01/46	SOUTHERN UNION PROD CO	BARKER DOME O&G CO	100% BELOW DAKOTA	1440.00
07	09/01/46	SOUTHERN UNION PROD CO	BARKER DOME O&G CO	100% BELOW DAKOTA	1840.00
08	05/01/47	UTE MTN TRIBE	SOUTHERN UNION PROD CO	100%	8400.00
09	01/01/50	SOUTHERN UNION PROD CO	EPNG	100%	8400.00
10	07/01/50	DELT OIL CORPORATION	EPNG	100% GAS BELOW DAKOTA	8400.00
11	07/01/86	EPNG	ALL	ALL	6320.00
12	04/01/91	UTPC	MOP	ALL	8400.00
13	01/01/96	SRC, EPNG & MOP	MOP	ALL	8400.00
14	07/11/96	MOP	BROG	ALL	8400.00

RENTAL INFORMATION:

PAY CODE	PAYOR	FIRST RENT DUE	GROSS RENT ACRE	RENTAL PER ACRE	OUR NET RENTAL	TOTAL RENT DUE	PRT RMTL RENT	PAYOR RENT LAST				
1	WE PAY	102797	BROG	05/01/1998	8400.00	1.25	10500.00	10500.00	12	X	50210	03/17/1997

RENTAL REMARKS

J F M A M J J A S O N D CK EXCP DATE PERPETUAL RENTAL

PAYOR CONFIRMATION START DATE: 00/00/0000 PAYOR CONFIRMATION END DATE: 00/00/0000

PMT METHOD CODE: C

PRT	CTL	PAYEE/BA	AMOUNT	PAYEE NAME ADDRESS	DRAFT	CODE	TAX NUMBER	CK	TYP
C		02733808	10500.00	MINERALS MANAGEMENT SERVICE			530196958	RR	
C				FOR BIA--UTE MOUNTAIN TRIBAL					
C				PO BOX 5810					
C				DENVER CO 80217-5810					

10/30/97
NM 189 000 -20755900MERIDIAN OIL INC
LAND DEPARTMENT - LEASE RECORDLMS802A
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PRT	CTL	PAYEE/BA	AMOUNT	PAYEE NAME ADDRESS	DRAFT	CODE	TAX NUMBER	CK	TYP
S	02733808	10500.00	MINERALS MANAGEMENT SERVICE				530196958		
S			FOR BIA--UTE MOUNTAIN TRIBAL						
S			PO BOX 5810						
S			DENVER CO 80217-5810						

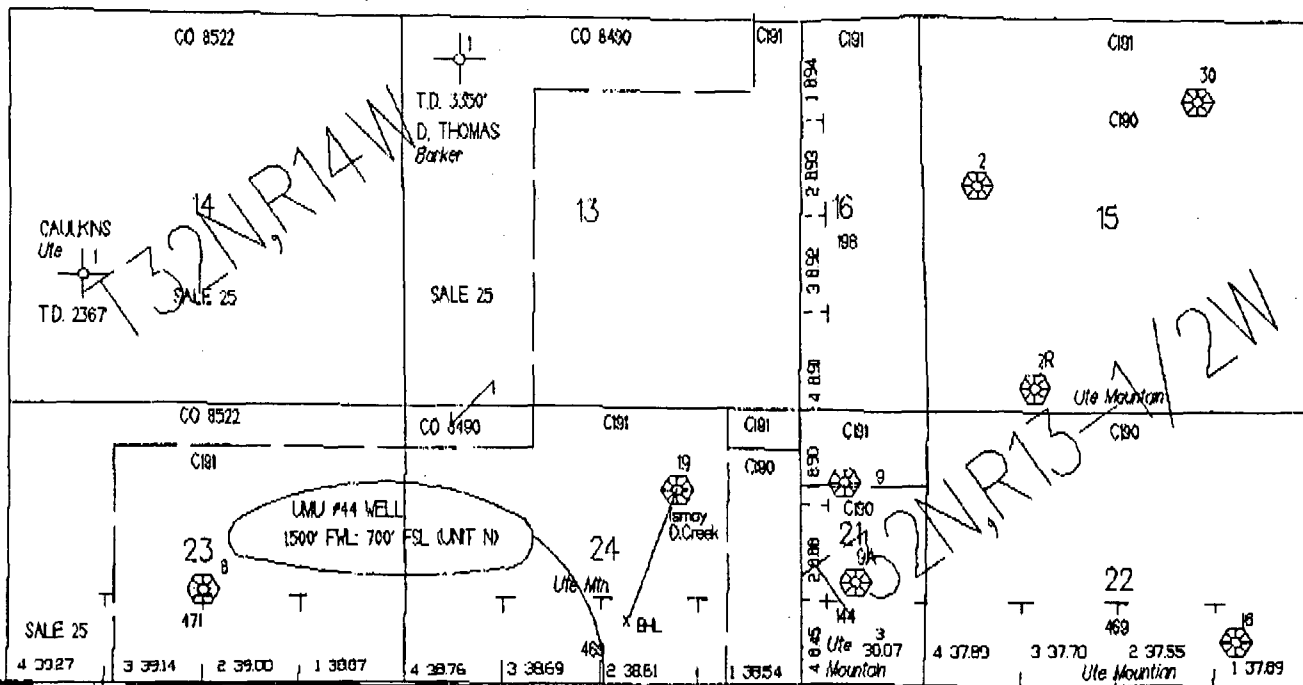
SHUT-IN INFORMATION:		FIRST	SI ACRES	SI AMT	MOI NET	TOTAL	PRT	SI	SI	SI EXCPT	SI
SI PAYCODE	PAYOR	SI DUE	PAID FOR	PER ACRE	AMT DUE	SHUTIN DUE	CTL	FREQ	LAST PAID	DATE	CODE
6 NO RENTALS DUE	000000	00/00/0000	.00	.00	.00	.00	00	00/00/0000	00/0000	00/0000	H

SHUT-IN PROVISION

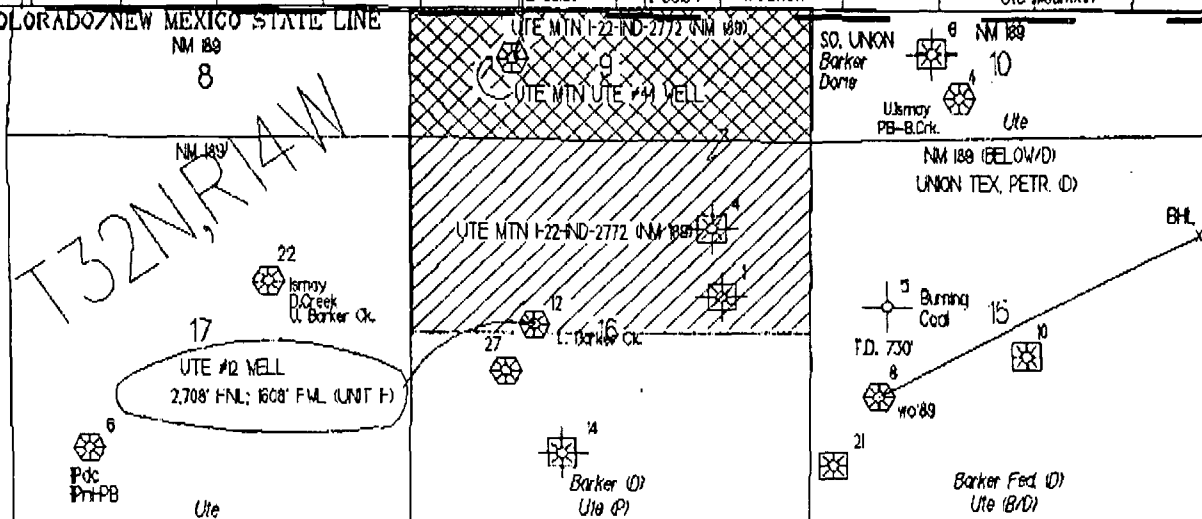
NO SI PROVISION

TEAM	CONSENT	PUGH	POOL	SHUT-IN	REASON	CESSAIN	IN-KIND	SLIDING	MKT
CODE	ASSIGN	DAYS	DAYS	PRODN	VAR	VAL	PROCEEDS		
Y	N	N	000	000	000	Y	N	N	Y

UTE MTN UTE #44 WELL UNIT N (SESW) SECTION 9, T32N, R14W SAN JUAN CO., NEW MEXICO



COLORADO/NEW MEXICO STATE LINE



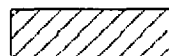
DESERT CREEK WELL

PARADOX WELL

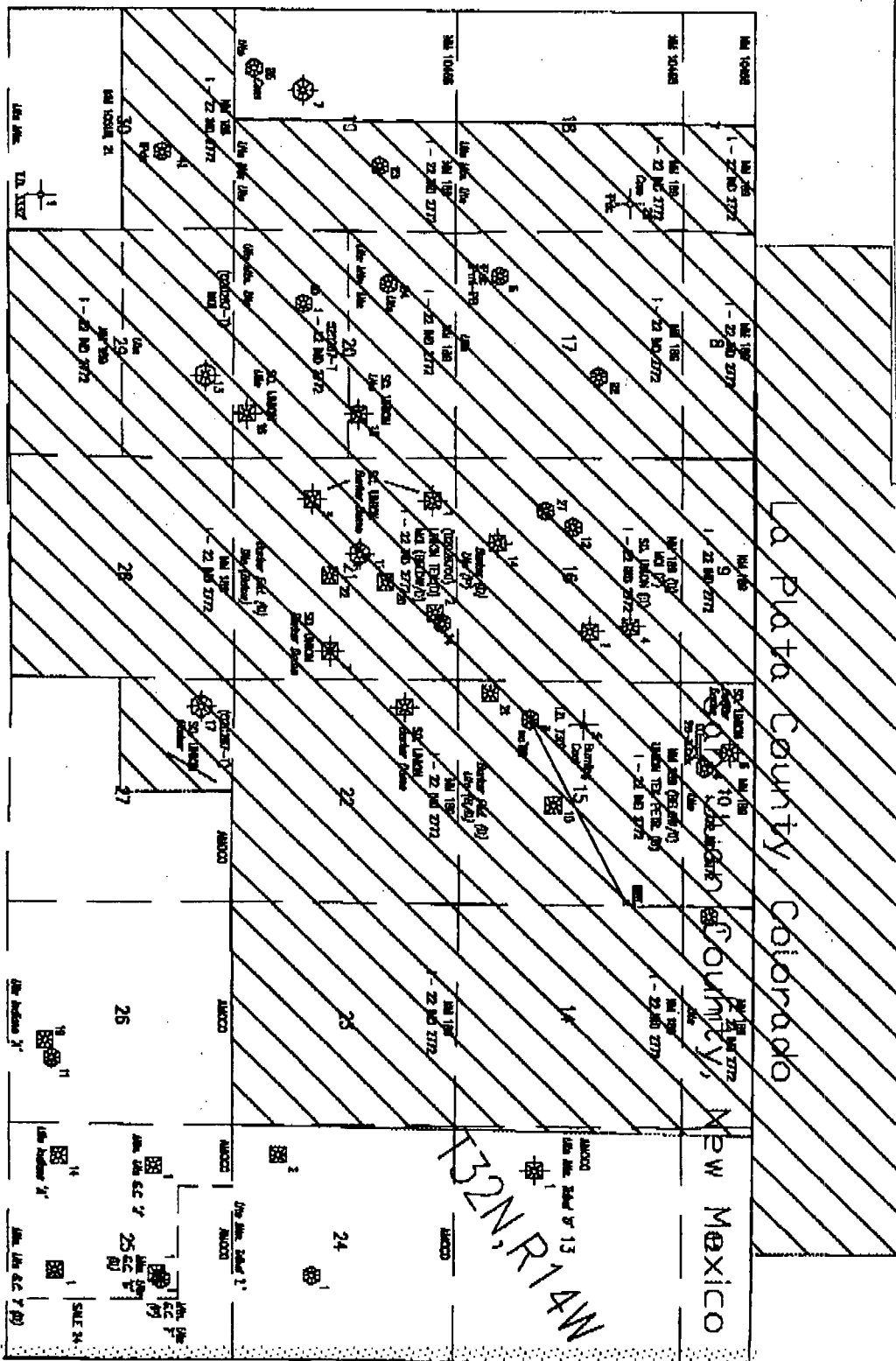
DAKOTA WELL



ISMAI FORMATION - 205 ACRE PRODUCTION UNIT (ALL/S.9)



DESERT CREEK/AKAH/UPPER BARKER CREEK FORMATION
525.00 ACRE PRODUCING UNIT (ALL/S.9 & N.2/S.16)



BURLINGTON RESOURCES OIL & GAS CO.
 UTE MTN UTE #44 WELL
 I - 22 - IND 2772
 UTE MTN UTE RESERVATION
 La Plata County, Colorado
 San Juan County, New Mexico