

4-27-2001

Mitchel

1 + E

talked w/ Steve about  
this application

---

Is acceptable if  
no other wells exist  
that could be  
re-entered.

DATE 4/24/01	SUBMITTER 5/14/01	ENGINEER MS	LOGGED IN KN	TYPE NSL	APP NO. 111646775
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL    NSP    SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC    CTB    PLC    PC    OLS    OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX    PMX    SWD    IPI    EOR    PPR

APR 24 2001

CONSERVATION DIVISION

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

***I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.***

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Peggy Cole

Print or Type Name

*Peggy Cole*  
Signature

Regulatory Supervisor

Title

4-23-01  
Date

pbradfield@br-inc.com  
e-mail Address

# BURLINGTON RESOURCES

SAN JUAN COUNTY  
APR 20, 2007

## Sent Federal Express

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

Re: Mitchell #1E  
1758'FNL, 1850'FWL, Section 5, T-31-N, R-12-W, San Juan County  
API #30-045-23645

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal pool. This location is considered off-pattern for the Fruitland Coal.

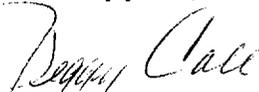
This well was originally drilled as a Basin Dakota well. The Dakota was plugged and abandoned. The wellbore was perforated in the Fruitland Coal formation and a production test was performed. It appears that the Fruitland Coal formation is capable of commercial production. Production from the Fruitland Coal is included in a 320 acre gas spacing unit comprising of the west half (W/2) of Section 5.

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

- C-102 plat showing location of the well;
- Plat showing offset owners/operators;
- Copy of Well Completion Log for original completion;
- Affidavit of notification of offset owners/operators.

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 Cole  
Regulatory Supervisor

## WAIVER

\_\_\_\_\_ hereby waives objection to Burlington Resource's application for non-standard location for the Mitchell #1E as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

Xc: NMOCD – Aztec District Office  
Bureau of Land Management - Farmington

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

*file*

5. LEASE DESIGNATION AND SERIAL NO.

SF-078707 NM019413

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MITCHELL

9. WELL NO.

1-E

10. FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

SEC. 5 T31N R12W

12. COUNTY OR PARISH

SAN JUAN

13. STATE

N.M.

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. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR Burlington Resources  
CONSOLIDATED OIL & GAS INC.

3. ADDRESS OF OPERATOR  
P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401

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

At surface 1758' FNL 1850' FWL SEC. 5 T31N R12W

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 1-26-80 16. DATE T.D. REACHED 2-15-80 17. DATE COMPL. (Ready to prod.) 4-28-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5978 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7150' 21. PLUG, BACK T.D., MD & TVD 7119' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 1 24. ROTARY TOOLS 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6882' - 7106' BAKOTA 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR CNL/FDC 27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	275'	12-1/4	200 SX	none
4-1/2"	11.6#	7150'	7-7/8	250 SX	none
	1 DV TOOL	1277'		300 SX	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/2	6968'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7088' - 7106'		7088-7106	300 G. acid 63,851 G. X-link gel. 25,000# sand
6882' - 6994'		6882'-6994	1000 G. acid. 109,000 G. 70 Q foam. 85,000# sand

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		FLOW				S.I.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-28-80	3 hrs.	3/4			85		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
860 s.i.	1160 s.i.			681			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED TEST WITNESSED BY S. WILSON

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 Veryl Moore TITLE PROD. MANAGER DISTRICT DATE 5-5-80

ACCEPTED FOR RECORD

MAY 29 1980

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

OPERATOR

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-23645		2 Pool Code 71629/71599		3 Pool Name Basin Fruitland Coal/Basin Dakota	
4 Property Code		5 Property Name Mitchell			6 Well Number 1E
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company			9 Elevation 5966' GR

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
F	5	31N	12W		1758	North	1850	West	San Juan

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

12 Dedicated Acres W/318.36	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

	Original plat from James P. Leese 5-13-79.	<b>17 OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>   Signature Peggy Cole Printed Name Regulatory Supervisor Title Date 12-11-00
	5	<b>18 SURVEYOR CERTIFICATION</b> <i>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 belief.</i>  Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number

BURLINGTON RESOURCES OIL AND GAS COMPANY

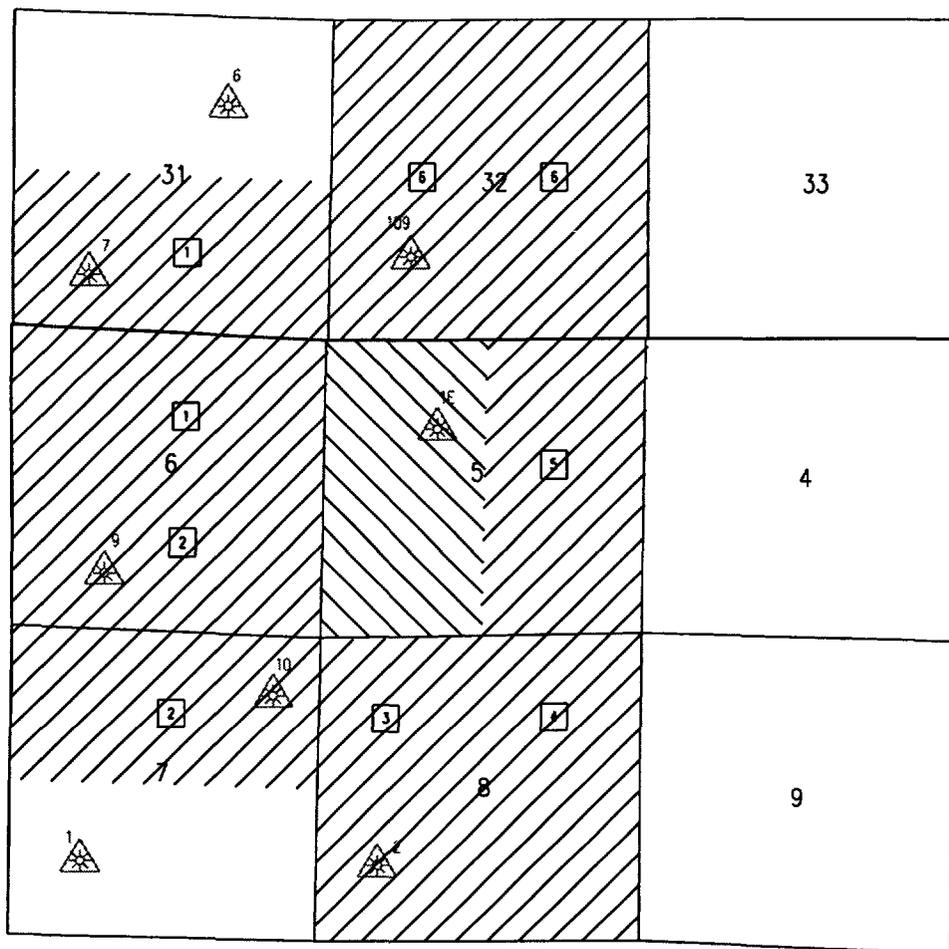
Mitchell #1E

Section 5, T-31-N, R-12-W

OFFSET OPERATOR/OWNER PLAT

Nonstandard Location

Fruitland Coal Formation Well

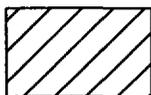


- 1 Burlington Resources - working interest owner  
Orville C Rogers - working interest owner  
3840 W Boy Cir  
Dallas, TX 752142925  
Eula May Johnston Trust - working interest owner  
C/O Bank of America Na Trustee  
A/C #01/006100  
PO Box 2546  
FT Worth, TX 761132546  
V A Johnston Family Trust - working interest owner  
C/O K Prewitt & M A Chesser Trustee  
P O Box 925  
Ralls, TX 79357  
Betty T Johnston/Lyle E - working interest owner  
Carbaugh/Paul M Hardwick  
CO-Trustees  
Betty T Johnston Marital Trust  
245 Commerce Green Blvd Ste 280  
Sugar Land, TX 77478

- 2 Energen Resources Corp. - operator  
Attn: Richard Corcoran  
2198 Bloomfield Hwy  
Farmington, NM 87401
- 3 Marathon Oil Company - operator  
PO Box 552  
Midland TX, 79702  
Farmington, NM 87401
- 4 Conoco Inc. - working interest owner
- 5 Burlington Resources - working interest owner  
Conoco Inc. - working interest owner  
Attn: Eva Rodriguez  
PO Box 2197  
Houston, TX 77252
- 6 Burlington Resources - working interest owner



Proposed Well



Offset Operator

Re: Mitchell #1E  
1758'FNL, 1850'FWL, Section 5, T-31-N, R-12-W, San Juan County  
API #30-045-23645

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well.

Orville C. Rogers  
3840 West Bay Circle  
Dallas, TX 75214-2925

Eula May Johnston Trust  
C/o Bank of America – Trustee  
A/C #01-006100  
PO Box 2546  
Ft. Worth, TX 76113-2546

V.A. Johnston Family Trust  
C/o K. Prewitt & M. A. Chesser, Trustee  
PO Box 925  
Ralls, TX 79357

Betty T. Johnston/Lyle E Carbaugh/Paul M. Hardwick, CoTrustees  
Betty T. Johnston Marital Trust  
245 Commerce Green Blvd, Suite 280  
Sugar Land, TX 77478

Energen Resources Corp  
Att: Richard Corcoran  
2198 Bloomfield Highway  
Farmington, NM 87401

Marathon Oil  
PO Box 552  
Midland, TX 79702

Conoco Inc.  
Att: Eva Rodriguez  
PO Box 2197  
Houston, TX 77252

Burlington Resources

  
Peggy Cole  
Regulatory Supervisor

# BURLINGTON RESOURCES

SAN JUAN COUNTY, NEW MEXICO

RECEIVED  
MAY 10 2001

## Sent Federal Express

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

Re: Mitchell #1E  
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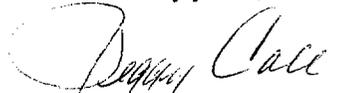
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To comply with the New Mexico Oil Conservation Division rules, we are submitting the following for your approval of this non-standard location:

- C-102 plat showing location of the well;
- Plat showing offset owners/operators;
- Copy of Well Completion Log for original completion;
- Affidavit of notification of offset owners/operators.

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 Cole  
Regulatory Supervisor

## WAIVER

V.A. Johnston Family Trust

\_\_\_\_\_ hereby waives objection to Burlington Resource's application for non-standard location for the Mitchell #1E as proposed above.

By: Katherine Prewett Date: May 4, 2001

Co-Trustee

Xc: NMOCD - Aztec District Office  
Bureau of Land Management - Farmington

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUP.

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6

*file*

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078707 NMC19413

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
MITCHELL

9. WELL NO.  
1-E

10. FIELD AND POOL, OR WILDCAT  
BASIN DAKOTA

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC. 5 T31N R12W

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
N.M.

b. TYPE OF COMPLETION:  
NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Burlington Resources  
CONSOLIDATED OIL & GAS INC.

3. ADDRESS OF OPERATOR  
P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1758' FNL 1850' FWL SEC. 5 T31N R12W  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED 1-26-80 16. DATE T.D. REACHED 2-15-80 17. DATE COMPL. (Ready to prod.) 4-28-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5978 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7150' 21. PLUG, BACK T.D., MD & TVD 7119' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 1 CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6882' - 7106' BAKOTA 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
IND/ GR CNL/FDC 27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	275'	12-1/4	200 SX	none
4-1/2"	11.6#	7150'	7-7/8	250 SX	none
	1 DV TOOL	1277'		300 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/2	6968'	

31. PERFORATION RECORD (Interval, size and number)

7088' - 7106'  
6882' - 6994'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7088-7106	300 G. acid 63,851 G. X-link gel. 25,000# sand
6882'-6994	1000 G. acid. 109,000 G. 70 Q foam. 85,000# sand

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOW WELL STATUS (Producing or shut-in) S.I.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-28-80	3 hrs.	3/4	→		85		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
860 s.i.	1160 s.i.	→		681			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
VENTED TEST WITNESSED BY S. WILSON

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 Veryl Moore TITLE PROD. FARMINGTON DISTRICT DATE 5-5-80

ACCEPTED FOR RECORD

MAY 29 1980

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

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23645		Pool Code 71629/71599		Pool Name Basin Fruitland Coal/Basin Dakota	
Property Code		Property Name Mitchell			Well Number 1E
OGRID No. 14538		Operator Name Burlington Resources Oil & Gas Company			Elevation 5966' GR

Surface Location

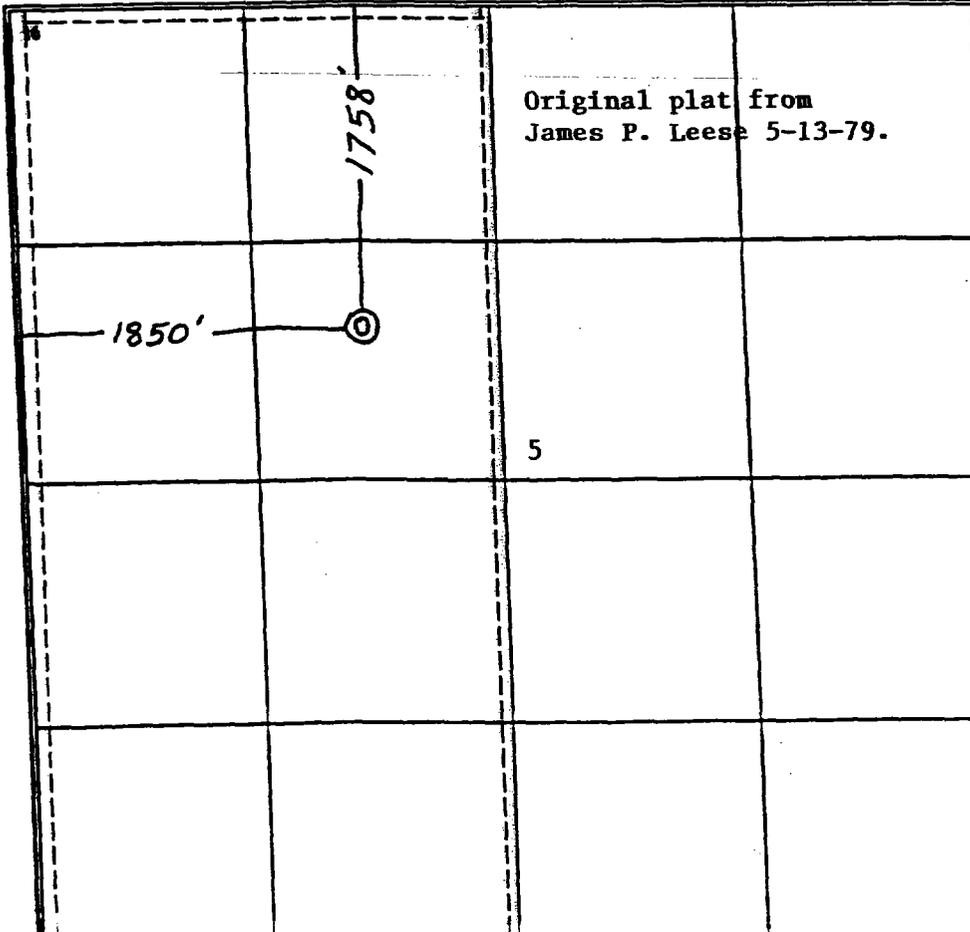
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	31N	12W		1758	North	1850	West	San Juan

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

Dedicated Acres W/318.36	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



Original plat from  
 James P. Leese 5-13-79.

17 OPERATOR CERTIFICATION

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

*Peggy Cole*  
 Signature

Peggy Cole  
 Printed Name  
 Regulatory Supervisor  
 Title

12-11-00  
 Date

18 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 belief.

Date of Survey  
 Signature and Seal of Professional Surveyer:

Certificate Number

BURLINGTON RESOURCES OIL AND GAS COMPANY

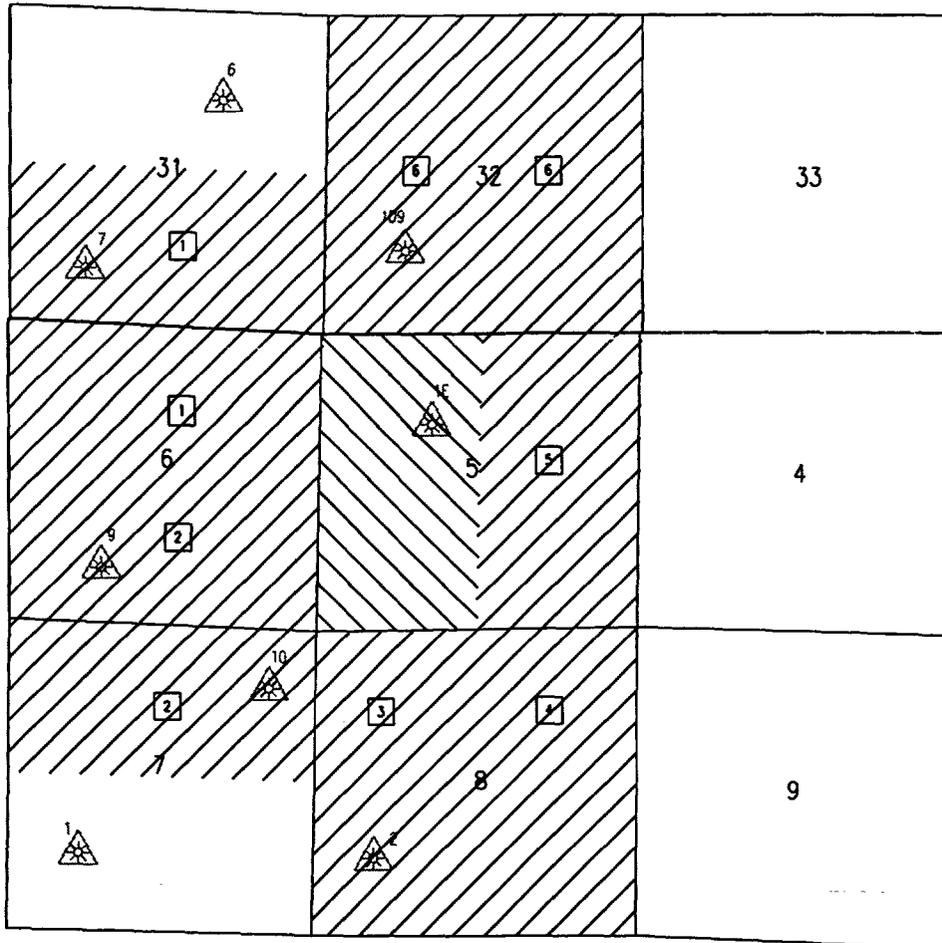
Mitchell #1E

Section 5, T-31-N, R-12-W

OFFSET OPERATOR/OWNER PLAT

Nonstandard Location

Fruitland Coal Formation Well



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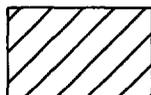
- 4 Conoco Inc. - working interest owner

- 5 Burlington Resources - working interest owner  
Conoco Inc. - working interest owner  
Attn: Eva Rodriguez  
PO Box 2197  
Houston, TX 77252

- 6 Burlington Resources - working interest owner



Proposed Well



Offset Operator

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Att: Eva Rodriguez  
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Burlington Resources

  
Peggy Cole  
Regulatory Supervisor

# BURLINGTON RESOURCES

SAN JUAN COUNTY, NEW MEXICO

MAY 14 2001

**Sent Federal Express**

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

Re: Mitchell #1E  
1758'FNL, 1850'FWL, Section 5, T-31-N, R-12-W, San Juan County  
API #30-045-23645

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal pool. This location is considered off-pattern for the Fruitland Coal.

This well was originally drilled as a Basin Dakota well. The Dakota was plugged and abandoned. The wellbore was perforated in the Fruitland Coal formation and a production test was performed. It appears that the Fruitland Coal formation is capable of commercial production. Production from the Fruitland Coal is included in a 320 acre gas spacing unit comprising of the west half (W/2) of Section 5.

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

- C-102 plat showing location of the well;
- Plat showing offset owners/operators;
- Copy of Well Completion Log for original completion;
- Affidavit of notification of offset owners/operators.

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 Cole  
Regulatory Supervisor

## WAIVER

Eula May Johnson Trust hereby waives objection to Burlington Resource's application for non-standard location for the Mitchell #1E as proposed above.

By: Bill Bledsoe Date: May 7, 2001

Xc: Bank of America - Oil & Gas Property Management - Vice President  
NMOCD - Aztec District Office  
Bureau of Land Management - Farmington

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

*file*

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. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR Burlington Resources  
CONSOLIDATED OIL & GAS INC.

3. ADDRESS OF OPERATOR  
P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 1758' FNL 1850' FWL SEC. 5 T31N R12W  
 At top prod. interval reported below \_\_\_\_\_  
 At total depth \_\_\_\_\_

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
SF 078707 NMO19413

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
MITCHELL

9. WELL NO.  
1-E

10. FIELD AND POOL, OR WILDCAT  
BASIN DAKOTA

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC. 5 T31N R12W

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
N.M.

15. DATE SPUNDED 1-26-80 16. DATE T.D. REACHED 2-15-80 17. DATE COMPL. (Ready to prod.) 4-28-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5978 KB 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 7150' 21. PLUG. BACK T.D., MD & TVD 7119' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 1 CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6882' - 7106' BAKOTA 25. WAS DIRECTIONAL SURVEY MADE  
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
IND/ GR CNL/FDC 27. WAS WELL CORED  
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	275'	12-1/4	200 SX	none
4-1/2"	11.6#	7150'	7-7/8	250 SX	none
	1 DV TOOL	1277'		300 SX	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/2	6968'	

31. PERFORATION RECORD (Interval, size and number)

7088' - 7106'  
6882' - 6994'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>7088-7106</u>	<u>300 G. acid 63,851 G. X-link gel. 25,000# sand</u>
<u>6882'-6994</u>	<u>1000 G. acid. 109,000 G. 70 Q foam. 85,000# sand</u>

33. PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOW WELL STATUS (Producing or shut-in) S.I.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>4-28-80</u>	<u>3 hrs.</u>	<u>3/4</u>	<u>→</u>		<u>85</u>		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<u>860 s.i.</u>	<u>1160 s.i.</u>	<u>→</u>		<u>681</u>		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED TEST WITNESSED BY S. WILSON

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 Veryl Moore TITLE PROD. REGISTRATION DISTRICT DATE 5-5-80

ACCEPTED FOR RECORD

MAY 29 1980

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

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-102  
 Revised February 21, 1994

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

Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-23645		2 Pool Code 71629/71599		3 Pool Name Basin Fruitland Coal/Basin Dakota	
4 Property Code		5 Property Name Mitchell			6 Well Number 1E
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company			9 Elevation 5966' GR

10 Surface Location

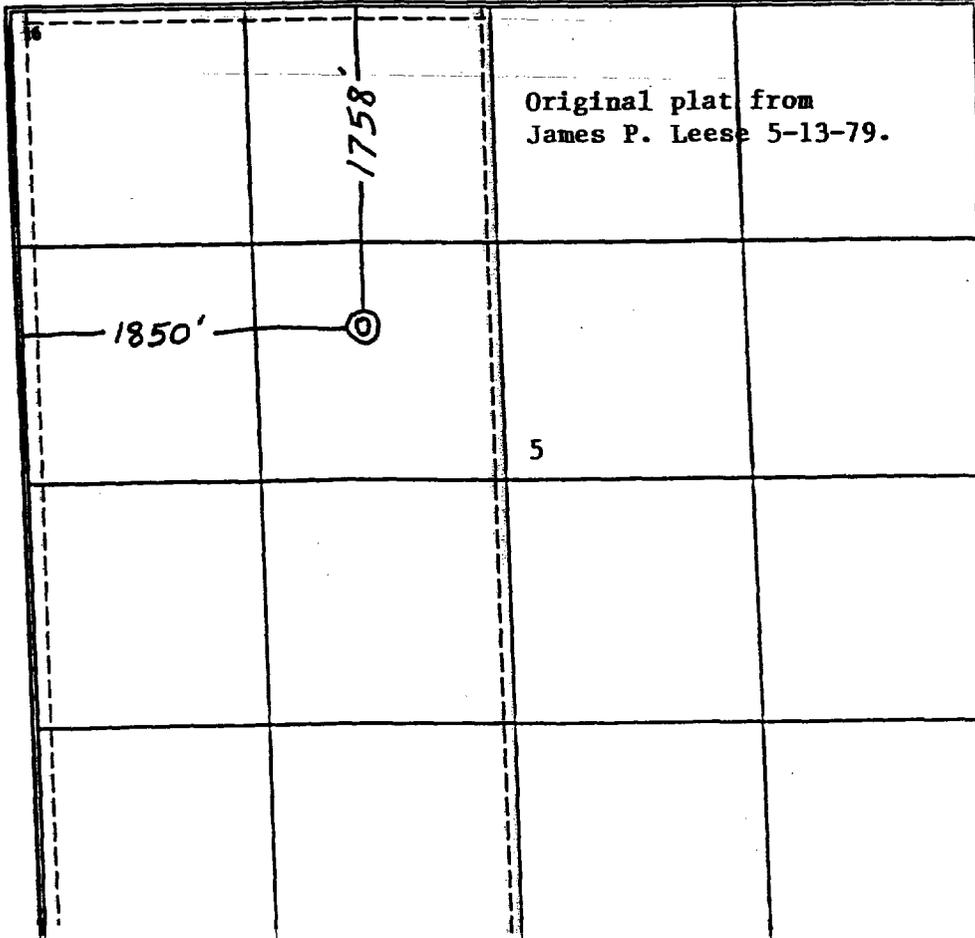
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	31N	12W		1758	North	1850	West	San Juan

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

12 Dedicated Acres W/318.36	13 Joint or Infill	14 Consolidation Code	15 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



Original plat from  
 James P. Leese 5-13-79.

17 OPERATOR CERTIFICATION

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

*Peggy Cole*  
 Signature  
 Peggy Cole  
 Printed Name  
 Regulatory Supervisor  
 Title  
 12-11-00  
 Date

18 SURVEYOR CERTIFICATION

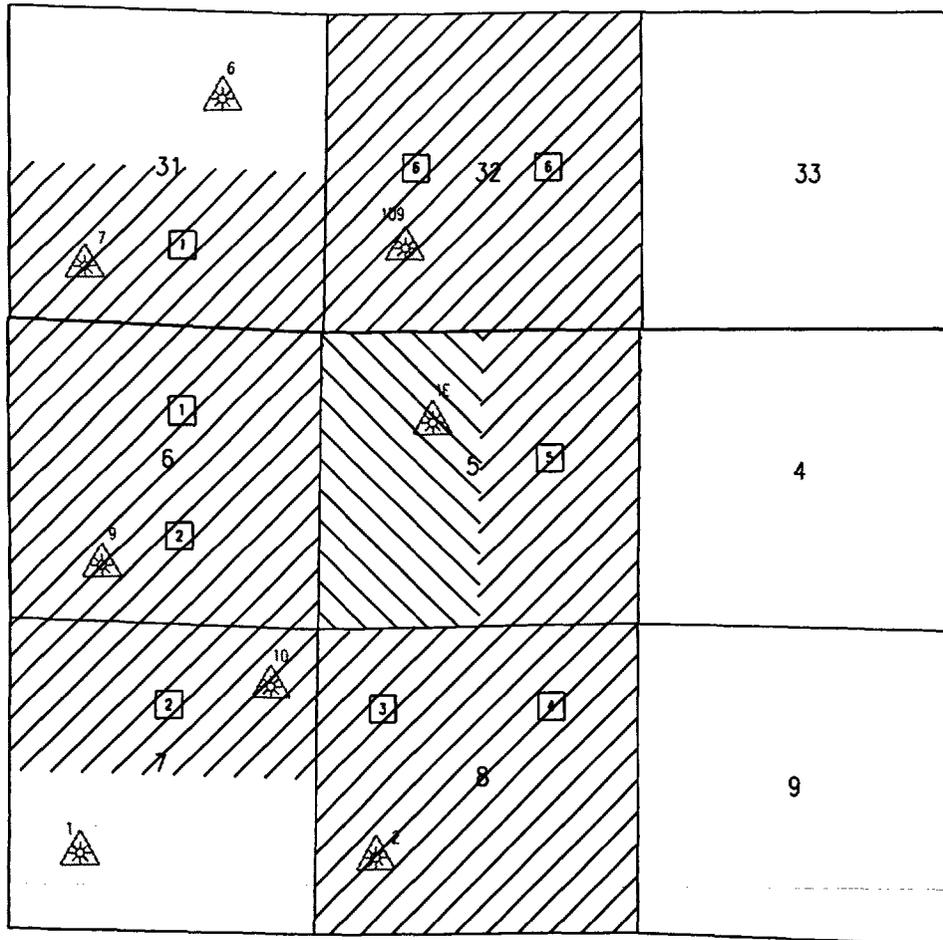
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey  
 Signature and Seal of Professional Surveyer  
 Certificate Number

BURLINGTON RESOURCES OIL AND GAS COMPANY

Mitchell #1E

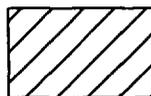
Section 5, T-31-N, R-12-W  
 OFFSET OPERATOR/OWNER PLAT  
 Nonstandard Location  
 Fruitland Coal Formation Well



- |  |  |
|--|--|
| <p><b>1</b> Burlington Resources - working interest owner<br/>             Orville C Rogers - working interest owner<br/>             3840 W Boy Cir<br/>             Dallas, TX 752142925<br/>             Eula May Johnston Trust - working interest owner<br/>             C/O Bank of America No Trustee<br/>             A/C #01/006100<br/>             PO Box 2546<br/>             FT Worth, TX 761132546<br/>             V A Johnston Family Trust - working interest owner<br/>             C/O K Prewitt &amp; M A Chesser Trustee<br/>             P O Box 925<br/>             Ralls, TX 79357<br/>             Betty T Johnston/Lyle E - working interest owner<br/>             Carbaugh/Paul M Hardwick<br/>             CO-Trustees<br/>             Betty T Johnston Marital Trust<br/>             245 Commerce Green Blvd Ste 280<br/>             Sugar Land, TX 77478</p> | <p><b>2</b> Energen Resources Corp. - operator<br/>             Attn: Richard Corcoran<br/>             2198 Bloomfield Hwy<br/>             Farmington, NM 87401</p> <p><b>3</b> Marathon Oil Company - operator<br/>             PO Box 552<br/>             Midland TX, 79702<br/>             Farmington, NM 87401</p> <p><b>4</b> Conoco Inc. - working interest owner</p> <p><b>5</b> Burlington Resources - working interest owner<br/>             Conoco Inc. - working interest owner<br/>             Attn: Eva Rodriguez<br/>             PO Box 2197<br/>             Houston, TX 77252</p> <p><b>6</b> Burlington Resources - working interest owner</p> |
|--|--|



Proposed Well



Offset Operator

Re: Mitchell #1E  
1758'FNL, 1850'FWL, Section 5, T-31-N, R-12-W, San Juan County  
API #30-045-23645

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well.

Orville C. Rogers  
3840 West Bay Circle  
Dallas, TX 75214-2925

Eula May Johnston Trust  
C/o Bank of America – Trustee  
A/C #01-006100  
PO Box 2546  
Ft. Worth, TX 76113-2546

V.A. Johnston Family Trust  
C/o K. Prewitt & M. A. Chesser, Trustee  
PO Box 925  
Dallas, TX 79357

Betty T. Johnston/Lyle E Carbaugh/Paul M. Hardwick, CoTrustees  
Betty T. Johnston Marital Trust  
245 Commerce Green Blvd, Suite 280  
Sugar Land, TX 77478

Energen Resources Corp  
Att: Richard Corcoran  
2198 Bloomfield Highway  
Farmington, NM 87401

Marathon Oil  
PO Box 552  
Midland, TX 79702

Conoco Inc.  
Att: Eva Rodriguez  
PO Box 2197  
Houston, TX 77252

Burlington Resources

 Peggy Cole 4-23-01

Peggy Cole  
Regulatory Supervisor

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

06/05/01 08:27:37  
OGOMES -TQCE  
PAGE NO: 1

Sec : 05 Twp : 31N Rng : 12W Section Type : NORMAL

4 39.21  Fee owned	3 39.15  Fee owned A	2 39.09  Fee owned	1 39.03  Fee owned
E 40.00  Federal owned	F 40.00  Federal owned A	G 40.00  Federal owned A A	H 40.00  Fee owned

PF01 HELP    PF02    PF03 EXIT    PF04 GoTo    PF05    PF06  
PF07 BKWD    PF08 FWD    PF09 PRINT    PF10 SDIV    PF11    PF12

*318.36*

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

06/05/01 08:27:41  
OGOMES -TQCE  
PAGE NO: 2

Sec : 05 Twp : 31N Rng : 12W Section Type : NORMAL

L 40.00  Federal owned	K 40.00  Federal owned	J 40.00  Federal owned	I 40.00  Federal owned
M 40.00  Federal owned	N 40.00  Federal owned	O 40.00  Federal owned	P 40.00  Federal owned
A	A	A	A

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD    PF08 FWD        PF09 PRINT   PF10 SDIV     PF11            PF12

CMD : ONGARD 06/05/01 08:28:34  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQCE

API Well No : 30 45 23645 Eff Date : 03-31-2001 WC Status : A  
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)  
OGRID Idn : 14538 BURLINGTON RESOURCES OIL & GAS CO  
Prop Idn : 26634 MITCHELL

Well No : 001E  
GL Elevation: 5966

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: F	5	31N	12W	FTG 1758 F N	FTG 1850 F W	P

Lot Identifier:

Dedicated Acre: 318.36

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06  
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 06/05/01 08:28:39  
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TQCE  
 Page No : 1

API Well No : 30 45 23645 Eff Date : 03-31-2001  
 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)  
 Prop Idn : 26634 MITCHELL Well No : 001E  
 Spacing Unit : 54180 OCD Order : Simultaneous Dedication:  
 Sect/Twp/Rng : Acreage : 318.36 Revised C102? (Y/N) :  
 Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
		E	5	31N	12W	40.00	N	FD		
		F	5	31N	12W	40.00	N	FD		
		K	5	31N	12W	40.00	N	FD		
		L	5	31N	12W	40.00	N	FD		
		M	5	31N	12W	40.00	N	FD		
		N	5	31N	12W	40.00	N	FD		
	C	3	5	31N	12W	39.15	N	FE		
	D	4	5	31N	12W	39.21	N	FE		

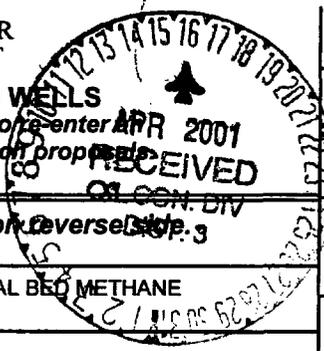
E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter abandoned well. Use form 3160-3 (APD) for such proposals.*



**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <b>COAL BED METHANE</b>		5. Lease Serial No. <b>NM-019413</b>
2. Name of Operator <b>BURLINGTON RESOURCES OIL &amp; GAS</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>3401 EAST 30TH FARMINGTON, NM 87402</b>	3b. Phone No. (include area code) <b>505.326.9727</b>	7. If Unit or CA/Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1850FWL 1758FNL F-5-31-12</b>		8. Well Name and No. <b>MITCHELL 1E</b>
		9. API Well No. <b>3004523645</b>
		10. Field and Pool, or Exploratory Area <b>BASIN FRUITLAND COAL</b>
		11. County or Parish, and State <b>SAN JUAN NM</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)  
**See attachment**

Electronic Submission #3365 verified by the BLM Well Information System for BURLINGTON RESOURCES OIL & GAS Sent to the Farmington Field Office Committed to AFMSS for processing by Maurice Johnson on 04/09/2001

Name (Printed/Typed) <b>PEGGY COLE</b>	Title <b>REPORT AUTHORIZER</b>
Signature	Date <b>04/04/2001</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

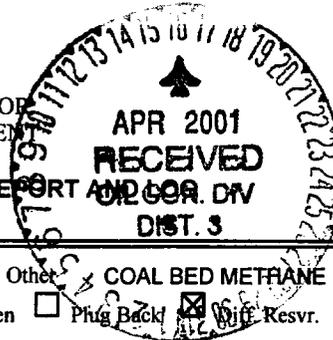
Approved By _____	Title _____	Date <b>APR 11 2001</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

- 3-22-01 MIRU. ND WH. NU BOP. TOO H w/1-1/2" tbg. SDON.
- 3-23-01 TIH w/4-1/2" cmt ret, set @ 6841'. PT csg to 500 psi, OK. PT lines to 2500 psi, OK. Sqz 25 sx Class "B" cmt on top of ret. Reve circ. TOO H. Spot balanced plug @ 6125-5975' w/15 sx Class "B" cmt. Reve circ. TOO H. TIH, perf 2 sqz holes @ 3890'. TOO H. TIH w/cmt ret, set @ 3873'. PT csg & cmt ret to 500 psi, OK. Sqz w/50 sx Thixotropic cmt & 100 sx Class "B" cmt, displaced 5 sx Class "B" cmt on top of ret. TOO H. Reve circ. SDON.
- 3-24-01 Ran CBL-GR-CCL and Neutron logs @ 3800-1800', free pipe @ 3770-1800'. Perf 2 sqz holes @ 2391'. TIH w/cmt ret, set @ 2346'. PT csg & ret to 500 psi, OK. Sqz w/290 sx Class "B" neat cmt. Reve circ. SDON.
- 3-25-01 Ran CBL @ 2336-1500'. TOC @ 2210'. PT csg to 4000 psi/15 min, OK. Perf 2 sqz holes @ 2100'. TIH w/cmt ret, set @ 2048'. Sqz w/150 sx Class "B" neat cmt. Reve circ. SDON.
- 3-26-01 TIH w/mill, tag cmt ret @ 2048'. Mill out cmt ret @ 2048'. Tag broken cmt ret @ 2334'. Mill out to 2336'. Circ hole clean. Ran CBL @ 2336-1800'. TOC @ 2030'. SDON.
- 3-27-01 Perf Fruitland Coal @ 2334-36', 2217-20', 2228-40', 2242-46', 2280-84', & 2100-2106' w/164 0.30" diameter holes. Brk dwn FTC perfs. PT frac lines to 5000 psi, OK. Frac FTC w/164,480# 20/40 AZ sand, 669 bbl 20# lnr gel, 1,041,500 SCF N2. Flow back well.
- 3-28-01 Flow back well.
- 3-29-01 Flow back well.
- 3-30-01 TIH, tag up @ 2330'. Circ & CO to PBTD @ 2336'.
- 3-31-01 TOO H. TIH w/74 jts 2-3/8" 4.7# J-55 tbg, set @ 2336'. SN @ 2315'. ND BOP. NU WH. TIH w/pump & rods. PT & pump action, OK. RD. Rig released.

**The Dakota formation was plugged and abandoned. Well will produce as a Fruitland Coal only.**

(August 1999)

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND COR. DIV

5. Lease Serial No.  
NM-019413

1a. Type of Well  Oil Well  Gas Well  Dry  Other  COAL BED METHANE  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Well Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
BURLINGTON RESOURCES OIL & GAS

8. Lease Name and Well No.  
MITCHELL 1F

3. Address 3401 EAST 30TH FARMINGTON, NM 87402 3a. Phone No. (include area code) 505.326.9727

9. API Well No.  
3004523645

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface 1850FWL 1758FNL  
At top prod. interval reported below  
At total depth

10. Field and Pool, or Exploratory or Area  
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and Survey or Area  
SENW 5 31N 12W NMP

12. County or Parish  
SAN JUAN

13. State  
NM

14. Date Spudded 01/26/2000  
15. Date T.D. Reached 04/28/2000  
16. Date Completed  D & A  Ready to Prod. 03/31/2001

17. Elevations (DF, RKB, RT, GL)\*  
KB 5978

18. Total Depth: MD 7150 TVD  
19. Plug Back T.D.: MD 2336 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL/GR/CCL, NEUTRON

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625	24.000		275		200			
7.875	4.500	12.000		7150		550			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	2336							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	2030	2342	2100 TO 2336		164	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
2100 TO 2336	164.480 20/40 AZ SD. 669 BBL GEL 1.041 500 SCF N2

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/31/2001	03/31/2001	1	▶	0.0	1991.0	0.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		645.0	▶					GSI	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			▶						APR 11 2001

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #3366 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

APR 11 2001  
JIM - OFFICE

**28b. Production - Interval C**

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

**28c. Production - Interval D**

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**SOLD**

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				FRUITLAND COAL	2030
				PICTURED CLIFFS	2342
				MESA VERDE	3890
				GALLUP	6050
				DAKOTA	6878

32. Additional remarks (include plugging procedure):  
**NO REMARK PROVIDED**

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  
**Electronic Submission #3366 Verified by the BLM Well Information System for BURLINGTON RESOURCES OIL & GAS.**  
**Sent to the Farmington Field Office. Committed to AFMSS for processing by Maurice Johnson on 03/31/2001**

Name (please print) PEGGY COLE

Title REPORT AUTHORIZER

Signature \_\_\_\_\_

Date 04/04/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <p>2. Name of Operator <b>BURLINGTON RESOURCES</b> OIL &amp; GAS COMPANY</p> <p>3. Address &amp; Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M 1758' FNL, 1850' FWL, Sec.5, T-31-N, R-12-W, NMPM</p>	<p>5. Lease Number NM-019413</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name &amp; Number Mitchell #1E</p> <p>9. API Well No. 30-045-23645</p> <p>10. Field and Pool Basin Dakota</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

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment                  | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Subsequent Report           | <input checked="" type="checkbox"/> Recompletion      | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Plugging Back                | <input type="checkbox"/> Non-Routine Fracturing  |
|  | <input type="checkbox"/> Casing Repair                | <input type="checkbox"/> Water Shut off          |
|  | <input type="checkbox"/> Altering Casing              | <input type="checkbox"/> Conversion to Injection |
|  | <input checked="" type="checkbox"/> Other - PA Dakota |  |

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the Dakota formation and recomplete in the Fruitland Coal formation in the subject well according to the attached procedure and wellbore diagram.



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

Signed *Sean Cole* Title Regulatory Supervisor Date 12/11/00  
TLW

(This space for Federal or State Office use)  
APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 12/19/00

CONDITION OF APPROVAL, if any:

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.

NSL in Basin Fruitland Coal

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos 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 C-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AFI Number 30-045-23645		2 Pool Code 71629/71599		3 Pool Name Basin Fruitland Coal/Basin Dakota	
4 Property Code		5 Property Name Mitchell			6 Well Number 1E
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company			9 Elevation 5966' GR

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
F	5	31N	12W		1758	North	1850	West	San Juan

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/318.36	13 Joint or Infill	14 Consolidation Code	15 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

	Original plat from James P. Leese 5-13-79.	<b>17 OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>
		Signature: <i>Peggy Cole</i> Printed Name: <b>Peggy Cole</b> Title: <b>Regulatory Supervisor</b> Date: <i>12-11-00</i>
		<b>18 SURVEYOR CERTIFICATION</b> <i>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 belief.</i>
		Date of Survey: Signature and Seal of Professional Surveyer: Certificate Number:

**Mitchell #1E**  
**Recompletion Procedure**  
Burlington Resources Oil & Gas  
NE Sec 5, T31N – R12W  
Lat:36° 55.81' Long:108° 07.25

**PROJECT SUMMARY:** Plug back existing Dakota perforations and recomplete in the Fruitland Coal. Stimulate with a single stage 20# (25# pad) Delta 140 Frac, and 250,000# sand.

- ◇ 4-1/2" 11.6# K-55 Burst Pressure: 5350 psi, 80% of Burst: 4280 psi.
- ◇ 4-1/2" casing in 7-7/8" hole annular volume: 0.2278 cuft/ft (0.0406 bbl/ft).
- ◇ Capacity of 2-3/8" tubing 0.02171 cuft/ft (0.00387 bbl/ft).

- 
1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. Take pressure reading on bradenhead, bleed off pressure if needed. NU BOP with flow tee and stripping head. NU blooie line and 2-7/8" relief line.
  2. TOOH w/ 214 jts 1-1/2" 2.9# EUE tubing.
  3. RU wireline unit. Round trip 3-3/4" gauge ring to 6880'. POOH.
  4. Plug #1 (Dakota top @ 6880'.) RIH with 4-1/2" CIBP on 2-3/8" tubing. Set CIBP @ 6880'. Load casing with water and pressure test to 500#. Spot an 75' balanced plug of Class B cement on top of CIBP (Cement from 6805' to 6880'). Pull up 5 stands and reverse circulate to clean out tubing.

**Slurry Volume: 1 bbl**  
**Sks: 5 sks**  
**Displacement: 26.3 bbl**

5. Plug #2 (Gallup top @ 6050'.) Pull up with open-ended tubing to 6100'. Spot an 150' balanced plug of Class B cement straddling the Gallup formation top @ 6050' (Cement from 5975' to 6125'). Pull up 150' and reverse circulate to clean out tubing. TOOH.

**Slurry Volume: 2 bbl**  
**Sks: 10 sks**  
**Displacement: 23.1 bbl**

6. Plug #3 (Squeeze and isolate MV. MV top @ 3890'.) RU wireline unit. Perforate at 3890' (1' at 2spf). Establish injection rate from surface. Set 4-1/2" cement retainer at 3870'. Pressure test retainer. Sting into retainer. Pump 100 sks Class B cement. (100sks \* 1.18cuft/sk/.2278 cuft/ft = 518 linear feet.) Sting out of retainer and spot 5 sks on top of the retainer. Pull up and reverse circulate to clean out tubing.

**Slurry Volume: 22 bbl**  
**Sks: 105 sks**  
**Displacement: 14 bbl (leaves 5 sks for placement on retainer.)**

7. PC Top. Zonal Isolation obtained with Cement Retainer and FTC/PC squeeze in next step.
8. Zonal Isolation for FTC (Top perf @ 2064' – 30' above planned stimulation top perf, bottom perf @ 2441' – 100' below planned stimulation bottom perf.) RU wireline unit. Perforate @ 2064' and 2441' (2 spf). RIH with 4-1/2" cement retainer, set at 2391' (50' above bottom perforation). RIH with 2-3/8" tubing, sting into retainer. Establish circulation. (If circulation cannot be established, block squeeze to give zonal isolation. Have tension set packer on location for use if necessary.) Pump 109 sks Class B cement. (Annular vol: 85.9 cuft, pump 50% excess, yield 1.18 cuft/sk). Displace with 9.3 bbl water. (Tbg Capacity: .00387bbl/ft \* 2391' = 9.3 bbl.) Sting out of retainer, pull up above top perf and reverse circulate to clean out tubing. TOOH.

Slurry Volume:	23 bbl
Sks:	109 sks
Displacement:	9.3 bbl

9. WOC 12 hours.
10. TIH w/ 3-3/4" bit, clean out to 2100' (below top perforation). Pressure test casing to 500 psi to insure top perforation is covered with cement. Drill out to retainer, leaving retainer as PBTD. Pressure test casing to insure no leaks above retainer @ 2391'.
11. Run CBL.
12. Load hole with 2% KCl.
13. Run in hole with wireline and perforate. Perforate 4 spf 2094' - 2106', 4 spf 2115' – 2117', 4 spf 2204' – 2207', 4 spf 2217' – 2219', 4 spf 2228' – 2239', 4 spf 2242' - 2246', 4 spf 2269' – 2283', 4 spf 2326' – 2341'. Jet Perforate 252 holes with 3-1/8 HSC-3125-306T, 12 g charge, 0.30" diameter holes, 17.48" penetration.
14. RU stimulation company. Test surface lines to 5000 psi. Max surface treating pressure will be 4000 psi. Keep bradenhead valve open throughout the stimulation and shutdown if returns are noticed. Bullhead 1000 gals of 10% HCL ahead of fracture treatment. Stimulate FRTC down casing string with 70 quality N2 foam using 20# X-link gel as the base fluid for the sand stages. Use 250,000# 20/40 Arizona sand. Pump at 50 BPM. Monitor bottomhole and surface treating pressures, rate, foam quality, and sand concentration with computer van. See attached treatment schedule.
15. Allow at least 1.5 hours for gel to break and then commence with flowback. Use a 24-hour flow back schedule. Take pitot gauges when possible.

10/64" Choke	Approximately 2 hrs.
12/64" Choke	Approximately 2 hrs.
14/64" Choke	Approximately 2 hrs.
16/64" Choke	Approximately 3 hrs.
18/64" Choke	Approximately 3 hrs.
20/64" Choke	Approximately 3 hrs.

Mitchell #1E/Recompletion  
Burlington Resources Oil & Gas  
11/28/2000

24/64" Choke  
32/64" Choke

Approximately 3 hrs.  
Approximately 3 hrs.

Follow this schedule to utilize a 24+ hour flowback. If well begins to slug or make large amounts of sand to surface, drop to next lower choke size. If well begins to taper off in liquid production (mostly N2), change to next larger choke size before time schedule dictates.

16. TIH w/ 3-7/8" mill. CO to PBTB. TOOH. Clean up until sand production is at a trace and stimulation fluids are cleaned up. Pump and rods will be run in this well.
17. TIH w/ production tubing. Run production tubing string as follows: Purge valve will be on bottom with 2-3/8" x 10' pup joint, 2-3/8" x 6' pup joint, 2-3/8" x 4' perforated sub and 2-3/8" seating nipple and remaining tubing. Land tubing @ 2336' (five feet above bottom perf). Obtain final pitot up tubing. Hang tubing in donut.
18. ND BOP, NU single tubing hanger wellhead.
19. Run pump and rods. TIH with new top hold down rod pump (2"x1-1/4"x10'x14' RHAC-Z), 4' section cup type plunger, three 1-1/4" sinker bars, 83 3/4" grade D sucker rods, a set of 3/4" pony rods to space out, one 1-1/4"x22'-3/4" pin polished rod and one 1-1/4"x1-1/2"x10' polished rod liner.
20. Seat the downhole pump, hang horses head, space pump.
21. Load tubing, pressure test.
22. Start pumping unit and test. (Adjust spacing if needed).
23. RD and MOL. Turn well to production.

Recommended: Leslie White 11/28/00  
Production Engineer

Approved: Jerry Cole 11-28-00  
~~Cost Team Manager~~ Regulatory

Approved: PJB 11/28/00  
Drilling Manager

Vendors: Stimulation Halliburton/DS 325-3575/325-5096  
Wireline Basin Perforating 327-5244

Production Engineer: Leslie White 326-9717-work; 326-0321-home

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

4. Location of Well, Footage, Sec., T, R, M

1758'FNL, 1850'FWL, Sec.5, T-31-N, R-12-W, NMPM

5. Lease Number  
NM-019413

6. If Indian, All. or  
Tribe Name

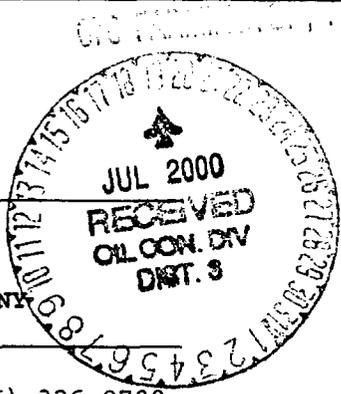
7. Unit Agreement Name

8. Well Name & Number  
Mitchell #1E

9. API Well No.  
30-045-23645

10. Field and Pool  
Basin Dakota

11. County and State  
San Juan Co, NM



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 -

13. Describe Proposed or Completed Operations

Burlington Resources, Inc. (BR) is in the process of acquiring the Mitchell #1-E Dakota well from Greystone Energy, Inc. for plugging liabilities. BR intends to plug and abandon the Dakota formation and recomplete in the Fruitland Coal during the last quarter of 2000 or the first quarter of 2001. Please extend the shut-in status of this well.

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

Signed Tammy Wimsatt - for Title Regulatory Supervisor Date 7/11/00

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

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.

ACCEPTED FOR RECORD

JUL 17 2000

UNOC

Office

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals.

200 MAR 20 PM 1:56

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

GREYSTONE ENERGY, INC.

3. Address and Telephone No.

5802 HIGHWAY 64, FARMINGTON, NM 87401

Phone (505) 832-8956

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)

1758' FNL & 1850' FEL  
SEC. 5, T31N, R12W

5. Lease Designation and Serial No.

NMNM-019413

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Well Name and No.

MITCHELL 1E

API Well No.

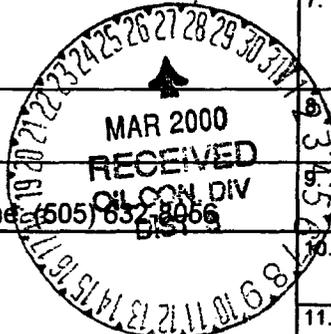
30-045-23645

10. Field and Pool, Or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

SAN JUAN, NM



12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other \_\_\_\_\_  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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 directional drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request a 90 day extension to evaluate possible recompletion to Mesa Verde or Fruitland Coal.

THIS APPROVAL EXPIRES JUN 15 2000

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

Signed Kay Stehler Title PRODUCTION TECHNICIAN Date March 16, 2000

(This space for Federal or State office use)

Approved by Charlie Beecham Title \_\_\_\_\_ Date MAR 23 2000

Conditions of Approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and wilfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

CS

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-104  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address GREYSTONE ENERGY, INC. 1801 BROADWAY, SUITE 630 DENVER, CO. 80202		<sup>2</sup> OGRID Number 173252
<sup>4</sup> API Number 30-045-23695		<sup>3</sup> Reason for Filing Code CH
<sup>5</sup> Property Code	<sup>6</sup> Pool Name Basin Dakota	<sup>7</sup> Pool Code 71599
<sup>8</sup> Property Name MITCHELL (DK) (PSI)	<sup>9</sup> Well Number 1E	

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	S	31N	12w		1758	N	1850	W	SS

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Use Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
007057	El Paso Natural Gas	2305730	G	
009018	Amant Refining Co.	2305710	O	
				RECEIVED OCT 14 1998
				OIL CON. DIV. DIST. 3

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBTB	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Tom Parker</i> Printed name: TOM PARKER Title: PRESIDENT Date: 9/16/98 Phone: 303-221-7576	OIL CONSERVATION DIVISION Approved by: <i>Z.T.S.</i> Title: SUPERVISOR DISTRICT Approval Date: OCT 14 1998
--	---

<sup>48</sup> If this is a change of operator fill in the OGRID number and name of the previous operator <i>Dana M. Dutcher</i> Previous Operator Signature	DANA M. DUTCHER Printed Name	PRESIDENT Title	9/16/98 Date
---	---------------------------------	--------------------	-----------------

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-104  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address CHATEAU OIL AND GAS, INC. 2515 MCKINNEY AVENUE, SUITE 840 DALLAS, TX 75201		<sup>2</sup> OGRID Number 159819
		<sup>3</sup> Reason for Filing Code CH _____
<sup>4</sup> API Number 30-045-23645	<sup>5</sup> Pool Name BASIN DAKOTA	<sup>6</sup> Pool Code 71599
<sup>7</sup> Property Code	<sup>8</sup> Property Name MITCHELL #1-E (DK) (PSI)	<sup>9</sup> Well Number 1E

II. <sup>10</sup> Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	5	31N	12W		1758	N	1850	W	SJ

<sup>11</sup> Bottom Hole Location

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

<sup>12</sup> Loe Code F	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
-----------------------------	-------------------------------------	-----------------------------------	-----------------------------------	------------------------------------	-------------------------------------

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
007057	EL PASO NATURAL GAS CO. P.O. BOX 4990 FARMINGTON, NM 87499	2305730	G	
009018	GIANT REFINING CO. P.O. BOX 256 FARMINGTON, NM 87499	2305710	O	

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBDT	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC

<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure

<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Dana M. Dutcher</i> Printed name: DANA M. DUTCHER Title: PRESIDENT Date: <i>2/1/94</i> Phone: 214/953-0198	OIL CONSERVATION DIVISION	
	Approved by: <i>[Signature]</i>	Title: SUPERVISOR DISTRICT #3
	Approval Date:	FEB - 3 1997

<sup>48</sup> If this is a change of operator fill in the OGRID number and name of the previous operator	TERRY L. SAVAGE	ATTORNEY-IN-FACT
<i>[Signature]</i> Previous Operator Signature	SNYDER OIL CORPORATION 21042 OR 21030 Printed Name	Title Date

Submit 5 Copies  
Appropriate District Office  
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

State of New Mexico  
Energy, Minerals and Natural Resources Department

### OIL CONSERVATION DIVISION

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

Form C-104  
Revised 11-89  
See Instructions  
at Bottom of Page  
RECEIVED  
'90 DEC 11 AM 9 10

#### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Snyder Oil Corporation	Well API No. 2364500
Address 1801 California St. Ste 3500, Denver, CO 80202	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Columbus Energy Corp. P.O. Box 2038, Farmington, NM 87499	

#### II. DESCRIPTION OF WELL AND LEASE

Lease Name MITCHELL 1E	Well No. 1758	Pool Name, including Formation Basin Dakota	Kind of Lease Federal	Lease No. 29-019413
Location Unit Letter <u>F</u> : <u>1758</u> Feet From The <u>North</u> Line and <u>1850</u> Feet From The <u>West</u> Line Section <u>05</u> Township <u>31N</u> Range <u>12W</u> , <u>NMPM</u> <u>SAN JUAN</u> County				

#### III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Giant Refinery	Address (Give address to which approved copy of this form is to be sent) P.O. Box 258, Farmington, NM 87499					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 4990, Farmington, NM 87499					
If well produces oil or liquids, give location of tanks.	Unit F	Sec. 05	Twp. 31N	Rgn. 12W	Is gas actually connected? Yes	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

#### VI. OPERATOR 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 above is true and complete to the best of my knowledge and belief.

*Patricia Tognoni*  
Signature Patricia Tognoni Engr Tech  
Printed Name  
Date 10/01/90 Title  
303-292-9100 Telephone No.

#### OIL CONSERVATION DIVISION

NOV 27 1990

Date Approved  
By *Burt J. Shum*  
Title SUPERVISOR DISTRICT #3

#### INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

RECEIVED  
NOV 27 1990  
OIL CON. DIV.  
DIST. 3

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2028  
SANTA FE, NEW MEXICO 87501

RECEIVED

NOV 22 1985

OIL CON. DIV  
DIST. 3

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
M.S.R.A.	
LAND OFFICE	
TRANSPORTER	<input type="checkbox"/> OIL
	<input type="checkbox"/> GAS
OPERATOR	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

**I**  
Company  
Columbus Energy Corporation (Formerly Consolidated Oil & Gas, Inc.)

Address  
P.O. Box 2038, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box) Other (Please explain)

<input type="checkbox"/> New Well	Change in Transporter of:	6	CHANGE OF COMPANY NAME	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil			<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Condensed Gas			<input type="checkbox"/> Condensate

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name MITCHELL 1E	Well No.	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee
Location F 1758 North 1850 West	Unit Letter	Foot From The	Foot From The
Line of Section 5	Township 31N	Range 12W	N.M.P.M. San Juan

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form)
Giant Refining Company	P.O. Box 256, Farmington,
Name of Authorized Transporter of Condensed Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form)
El Paso Natural Gas Company	P.O. Box 990, Farmington,
If well produces oil or liquids, give location of tanks.	Unit : Sec. : Twp. : Rng. : Is gas actually connected? : When
	F : 5 : 31N : 12W : Yes :

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.

Key Robinson  
(Signature)  
Engineering Technician  
(Title)  
10/21/85  
(Date)

OIL CONSERVATION DIVISION  
APPROVED NOV 22 1985  
BY Frank J. [Signature]  
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1  
If this is a request for allowable for a newly drilled well, this form must be accompanied by a tabulation of tests taken on the well in accordance with RULE 1  
All sections of this form must be filled out complete on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for each well name or number, or transporter or other such change.  
Separate Forms C-104, must be filed for each completed well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Budget Bureau  
Expires August  
5. LEASE DESIGNATION  
NM 019413

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

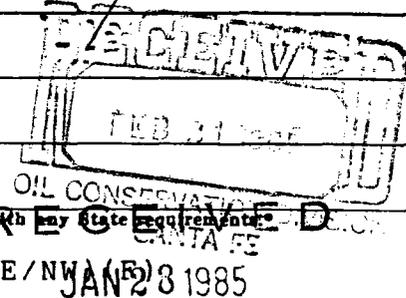
2. NAME OF OPERATOR  
Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR  
PO Box 2038, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface 1758' FNL & 1850' FWL (SE/NW 1/4)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5978' KB, 5966' GR



6. IF INDIAN, ALLOTT

7. UNIT AGREEMENT

8. FARM OR LEASE NO.  
MITCHELL

9. WELL NO.  
1E

10. FIELD AND POOL,  
Basin Dako

11. SEC., T., R., M., OR SURVEY OR AREA  
Sec 5, T31

12. COUNTY OR PARISH  
San Juan

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING C <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONME <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) "Reperf & Refrac" <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion Completion or Recompletion Report and Log fo	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all marker pertinent to this work.)\*

12-20-84 MIRUSU. Blow well down & NU BOP. TOH w/ 214 jts of 1-1/2

12-26-84 PU bit & csg scraper & tag up @ 6995'. TOH. TIH w/ 4-1/2

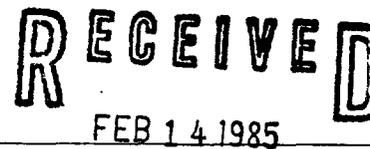
12-27-84 packer on 2-3/8" tbg & tag @ 7021'. Pr tested, pkr leakin w/ pkr. TIH & set retr pkr @ 6840'. Pr to 2500#, OK.

12-28-84 Spot 500 gal 7-1/2% HCl across perfs @ 6880' to 7000'. TO tbg & pkr. Ran GR/CCL for correlation from 7000' to 6700' Perf from 6880'-6924', 6950-72', 6984-94', 70 perfs, .38" (17 existing holes). Break down w/ 1% KCl @ 2900#. Acidi 750 gal 15% HCl & 144 balls. Frac w/ 75,000 gal 30# gel w surfac/1000 gal & 75,000# 20/40 sd: 25,000 gal pad, 25,000 1 PPG sd, 25,000 gal w/ 2 PPG 20/40 sd, 108 bbl 1% KCl flu ISIP 1500, 15 min 800. 2300 bbl to rec.

12-29-84 Started cleaning up & swabbing.

1-2/16-85 Cleaning up & swabbing.

1-17-85 CO sand w/ N<sub>2</sub>. Circ hole clean. Ran 216 jts 1-1/2", EUE landed @ 6943', seating nipple @ 6910'. SI for buildup & to clean up.



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

SIGNED Barbara C. Rex TITLE Engineering Technician DATE JAN 14 1985

(This space for Federal or State office use) DIST. 3

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

OPERATOR	
PRODUCTION OFFICE	
LAND OFFICE	
U.S.G.	
FILE	
SANTA FE	
DISTRIBUTION	
BY	
DATE	
OPERATOR	
PRODUCTION OFFICE	
LAND OFFICE	
U.S.G.	
FILE	
SANTA FE	
DISTRIBUTION	
BY	
DATE	

Operator  
**Consolidated Oil & Gas, Inc.**  
Address  
P.O. Box 2038, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)

New Well  Change in Transporter of:  
 Oil  Dry Gas   
 Recompletion  Oil  Condensate   
 Change in Ownership  Casinghead Gas  Condensate

Other (Please explain)  
**JUL 20 1982**

If change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name <b>Mitchell</b>	Well No. <b>1E</b>	Pool Name, including Formation <b>Basin Dakota</b>	Kind of Lease State <input type="checkbox"/> Federal <input checked="" type="checkbox"/> XXXX	Lease No. <b>29-01941</b>
Location Unit Letter <b>F</b> ; <b>1758</b> Feet From The <b>N</b> Line and <b>1850</b> Feet From The <b>W</b> Line of Section <b>5</b> Township <b>31N</b> Range <b>12W</b> San Juan <b>NMPM</b> County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> <b>Giant Refinery</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 256, Farmington, N.M. 87401</b>			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>El Paso Natural Gas Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 990, Farmington, N.M. 87401</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>F</b>	Sec. <b>5</b>	Twp. <b>31N</b>	Rge. <b>12W</b>
	Is gas actually connected?		When	
	<b>Yes</b>			

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. R
<b>(X)</b>								
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top 24 hours 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	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shot-in)	Casing Pressure (Shot-in)	Choke Size

**JUN 21 1982**  
OIL CON. DIV.  
DIST. 3

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 above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION DIVISION

APPROVED **JUN 21 1982**, 19

BY *Charles Johnson*

TITLE **DEPUTY OIL & GAS INSPECTOR, 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 deep well, this form must be accompanied by a tabulation of the devt tests taken on the well in accordance with RULE 111. All sections of this form must be filled out completely for a well on new and recompleted wells. Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of conditions. Separate forms (O-104) must be filed for each pool in the well.

*John Richardson*  
(Signature)  
**Production & Drilling Superintendent**  
(Title)  
**June 8, 1982**

EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE June 19, 1980

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR

GAS FROM Consolidated Oil and Gas Mitchell #1-E  
Operator Well Name

93-083-01 73137-51 F 5-31-12  
Meter Code Site Code Well Unit S-T-R

Basin Dakota El Paso Natural Gas Company  
Pool Name of Purchaser

WAS MADE ON June 9, 1980,  
Date

FIRST DELIVERY June 9, 1980  
Date

AOF -

CHOKE 85

*[Faint stamp: RECEIVED JUN 20 1980 SANTA FE]*

El Paso Natural Gas Company  
Purchaser

A. M. Boyd  
Representative

Chief Dispatcher  
Title

cc: Operator Denver  
Oil Conservation Commission - 2  
Proration - El Paso

File

*[Circular stamp: RECEIVED JUN 20 1980 OIL CON. COM. DIST. 3]*

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other Instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.  
SE 67977 NM019413

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

2. NAME OF OPERATOR  
CONSOLIDATED OIL & GAS, INC.

3. ADDRESS OF OPERATOR  
P.O. BOX 2038 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  
1758' SWL 1850' SWL SEC. 5 T31N R12W

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
5978' EB

7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
MITCHELL

9. WELL NO.  
1-E

10. FIELD AND POOL, OR WILD-CAT  
BASIN DAKOTA

11. SEC., T., R., M., OR PLAT. AND SURVEY OR AREA  
SEC 5 T31N R12W

12. COUNTY OR PARISH 13. STATE  
SAN JUAN N.M.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Re-completion 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.)\*

1ST STAGE DK

4-18-80 PERF DK., 7088'-94-96-98-7100'-02-06. ACIDIZED W/ 300 GAL. 15% N.E. ACID. FRACID LOWER DK. W/ 63,851 GAL. VERSAGEL 40# X-LINK GEL & 25,000# 20-40 SAND. MAX. PRESS.- 6500#, AVG. PRESS.- 5700#, A.I.P.- 6 BPM.

2ND STAGE DK

4-22-80 PERF DK., 6882'-87-91-97-6982'-10-14-19-24-32-64-68-72-86-90-94. ACIDIZED W/ 1000 GAL 15% N.E. ACID.  
4-23-80 FRACID UPPER DK. W/ 109,000 GAL 70 QUALITY FOAM & 85,000# 20-40 SAND. MAX PRESS. 3500#, AVG. PRESS.- 3200#, A.I.P.- 25 BPM.  
4-28-80 Unable to Retrieve 4-1/2" TP. Left BP in Hole at 7050'. Ran 6957.29' of 1-1/2" TIG. SET AT 6968.44.

ILLEGIBLE

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

SIGNED

*[Signature]*

TITLE

DRILLING Supt.

DATE

4-29-80

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

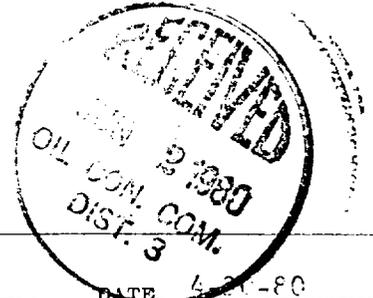
NMOCC'

ACCEPTED FOR RECORD

MAY 29 1980

\*See Instructions on Reverse Side

FARMINGTON DISTRICT  
BY *[Signature]*



## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations were completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State pursuant to applicable State law 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.

**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 17:** Proposals to abandon a well and subsequent reports of abandonment should include special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom); and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963 - O - 695229

867-051

MITCHELL 1-E TOPS

PICTURE CLIFF: 2074'

HESA VERBDE: 3916'

DAKOTA: 6860'

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

30-045-23645

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF OFFICES RECEIVED	
DISTRIBUTION	5
SANTA FE	1
ALBUQUERQUE	
LAND OFFICE	
TRANSPORTER	
OIL	1
GAS	
OPERATOR	1
PRODUCTION OFFICE	

I. Operator  
CONSOLIDATED OIL & GAS INC.

Address  
P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401

Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name MITCHELL	Well No. 1-E	Pool Name (Including Formation) BASIN DAKOTA	Kind of Lease State, Federal or Fee FED	Lease No. SF0787
Location Unit Letter F ; 1758 Feet From The N SANTA FE Line and 1850 Feet From The W	Line of Section 5	Township 31N	Range 12W	NMPM, SAN JUAN

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> INLAND	Address (Give address to which approved copy of this form is to be sent) 5101 E. MAIN FARMINGTON, NEW MEXICO
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> EL PASO NAT'L GAS	Address (Give address to which approved copy of this form is to be sent) P.O. BOX 990 FARMINGTON, NEW MEXICO
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
F 5 31N 12W	

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. Re
			XX					
Date Spudded 1-26-80	Date Compl. Ready to Prod. 4-28-80	Total Depth 7150'	P.B.T.D. 7119'					
Elevations (DF, RKB, RT, CR, etc.) 5978' KB	Name of Producing Formation DAKOTA	Top Oil/Gas Pay 6882'	Tubing Depth 6968'					
Perforations 6882' - 7106'	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12-1/4	8-5/8 csg	275	200 sx					
7-7/8	4-1/2 csg	7150	550 sx					
	1-1/2 tbg	6968						

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 oil able 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	Oil-Bble.	Water-Bble.	Gas

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
	3 hrs.	85 MCF	
Testing Method (pilot, back pr.) / pt. pres. test	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
	860	1160	3/4

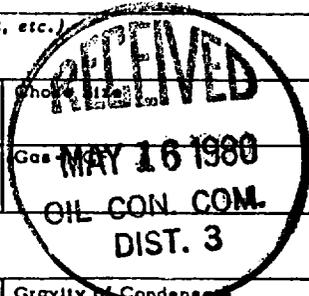
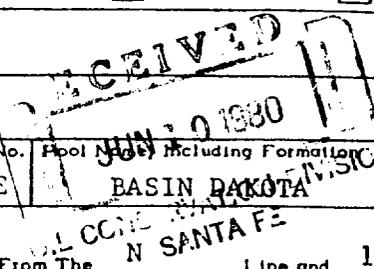
VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Seryl Moore  
(Signature)  
PROD. SUPT.  
(Title)  
5-12-80  
(Date)

OIL CONSERVATION DIVISION  
APPROVED JUN 4 1980, 19  
BY [Signature]  
SUPERVISOR DISTRICT #3  
TITLE \_\_\_\_\_

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 deviate tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for all wells on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multi-completed wells.



SK

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078707 NMO 1941

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MITCHELL

9. WELL NO.

1-E

10. FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

SEC. 5 T31N R12W

12. COUNTY OR PARISH SAN JUAN

13. STATE N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] DRY [ ] Other [ ]

b. TYPE OF COMPLETION: NEW WELL [x] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

2. NAME OF OPERATOR CONSOLIDATED OIL & GAS INC.

3. ADDRESS OF OPERATOR P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* At surface 1758' FNL 1850' FWL SEC. 5 T31N R12W

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 1-26-80 16. DATE T.D. REACHED 2-15-80 17. DATE COMPL. (Ready to prod.) 4-28-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5978 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7150' 21. PLUG, BACK T.D., MD & TVD 7119' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6882' - 7106' BAKOTA

25. WAS DIRECTIONAL SURVEY MADE NO 26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR CNL/FDC 27. WAS WELL CORED NO

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENT RECORD, AMOUNT PULLED. Includes rows for 8-5/8", 4-1/2", and 1 DV TOOL.

Table with 2 main sections: 29. LINER RECORD and 30. TUBING RECORD. Includes columns for SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), and DEPTH SET (MD).

Table with 2 main sections: 31. PERFORATION RECORD and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Includes columns for DEPTH INTERVAL (MD) and AMOUNT AND KIND OF MATERIAL USED.

Table with 2 main sections: 33.\* PRODUCTION and 34. DISPOSITION OF GAS. Includes columns for DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKES SIZE, and FLOW.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED TEST WITNESSED BY S. WILSON

35. LIST OF ATTACHMENTS MAY 29 1980

36. I hereby certify that the foregoing and attached information is complete and was determined from all available records SIGNED Cheryl Moore TITLE BY PROB. SUPT. DATE 5-5-80

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

NMOCC

# 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.

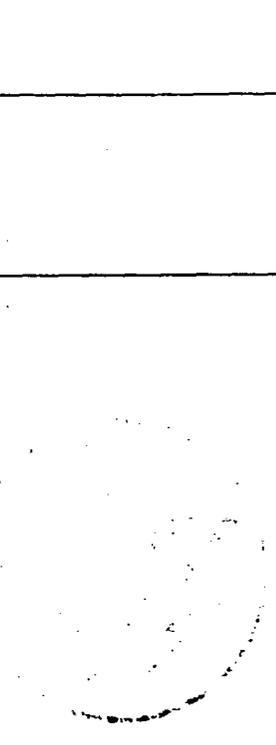
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

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 identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Socks 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.)

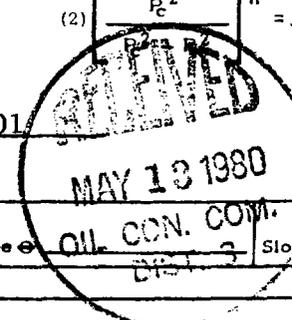
**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DUAL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
P.C. M.V. DK.	2074' 3916' 6880'		

**38. GEOLOGIC MARKERS**

NAME	TOP	MEAS. DEPTH	TRUE VERT. DEPTH

**NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date					
Company <b>Consolidated Oil &amp; Gas Inc.</b>					Connection					
Pool <b>Basin</b>					Formation <b>Dakota</b>					Unit
Completion Date <b>4/28/80</b>			Total Depth <b>7150</b>		Plug Back TD <b>7119</b>		Elevation <b>5978' KB</b>		Form or Lease <b>Mitchel</b>	
Cs. Size <b>4.500</b>	Wt. <b>11.6</b>	d <b>4.000</b>	Set At <b>7150</b>	Perforations: From <b>6882</b> To <b>7106</b>		Well No. <b>1 E</b>				
Tbg. Size <b>1.900</b>	Wt. <b>2.75</b>	d <b>1.610</b>	Set At <b>6968</b>	Perforations: From                      To		Unit Sec. <b>F 5</b>				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Single</b>							Packer Set At		County <b>San Juan</b>	
Producing Thru <b>Tubing</b>		Reservoir Temp. °F <b>θ</b>		Mean Annual Temp. °F		Baro. Press. - P <sub>g</sub>		State <b>New Mex.</b>		
L	H	G <sub>g</sub>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S	Prover		Meter Run		
FLOW DATA					TUBING DATA			CASING DATA		
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
1.	2"		0.750				860		1160	
2.							45		505	58
3.										
4.										
5.										
SANTA FE RATE OF FLOW CALCULATIONS										
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>				
1	12.365		57	1.0019	0.9608	1.004				
2										
3										
4										
5										
NO.	P <sub>f</sub>	Temp. °R	T <sub>f</sub>	Z	Gas Liquid Hydrocarbon Ratio _____					
1					A.P.I. Gravity of Liquid Hydrocarbons _____					
2					Specific Gravity Separator Gas _____ X X X X X					
3					Specific Gravity Flowing Fluid _____ X X X X X					
4					Critical Pressure _____ P.S.I.A.					
5					Critical Temperature _____ R					
P <sub>c</sub> <b>1172</b>		P <sub>c</sub> <sup>2</sup> <b>1373584</b>								
NO.	P <sub>f</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2416$					
1		517	267289	1106295	(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$					
2					AOF = Q $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 801$					
3										
4										
5										
Absolute Open Flow <b>801</b>					Mcf @ 15.025		Angle of Slope @			
Remarks:										
Approved By Commission:			Conducted By:			Calculated By:			Checked By:	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(Other instructions on re-  
verse side)

FORM APPROVED  
Budget Period

**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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR CONSOLIDATED OIL &amp; GAS, INC.</p> <p>3. ADDRESS OF OPERATOR P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1756' FNL 1850' FNL SEC. 5 T31N R12W</p>	<p>5. LEASE DESIGNATION AND SE 378717</p> <p>6. IF INDIAN, ALLOTTEE OR G</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME MITCHELL</p> <p>9. WELL NO. 1-E</p> <p>10. FIELD AND POOL, OR W BASIN DAKOTA</p> <p>11. SEC., T., R., M., OR BLK. SURVEY OR AREA SEC 5 T31N</p> <p>12. COUNTY OR PARISH SAN JUAN</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DP, RT, GR, etc.) 5978.1 FB</p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT*
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other)	

\*NOTE: Report results of multiple completion on Completion or Recombination Report and Log form.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers pertinent to this work.)\*

1ST STAGE DK

4-18-80 PERF DK., 7088'-94-96-98-7100'-02-06. ACIDIZED W/ 300 GAL. 15% N.E. A. FRAC'D LOWER DK. W/ 63,851 GAL. VERSAGEL 40# X-LINK GEL & 25,000# 20-40 SAND. PRESS.- 6500#, AVG. PRESS.- 5700#, A.I.R.- 6 BPM.

2ND STAGE DK

4-22-80 PERF DK., 6882'-87-91-97-6902'-10-14-19-24-52-64-68-72-86-90-94. ACID W/ 1000 GAL 15% N.E. ACID.  
4-23-80 FRAC'D UPPER DK. W/ 109,000 GAL 70 QUALITY FOAM & 85,000# 20-40 SAND. PRESS. 3500#, AVG. PRESS.-3200#, A.I.R.- 25 BPM.  
4-28-80 Unable to Retrieve 4-1/2" BP. Left BP in Hole at 7050'.  
1-1/2" TFG. SET AT 6968.44.

**ILLEGIBLE**



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

SIGNED [Signature] TITLE DRILLING Supt. DATE 4-30-80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
CONSOLIDATED OIL AND GAS INC.

3. ADDRESS OF OPERATOR  
1860 LINCOLN STREET, DENVER, COLORADO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1758' FNL - 1850' FWL  
AT TOP PROD. INTERVAL: SEC 5 T31N R12W  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
~~CF 078 707~~ NM-01

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
MITCHELL

9. WELL NO.  
1-E

10. FIELD OR WILDCAT NAME  
BASIN DAKOTA

11. SEC., T., R., M. OR BLK. AND SURVEY AREA  
SEC 5 T31N R12W

12. COUNTY OR PARISH | 13. STATE  
SAN JUAN | NEW MEXI

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND W)  
5978 KB

REQUEST FOR APPROVAL TO:                      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF                      

FRACTURE TREAT                      

SHOOT OR ACIDIZE                      

REPAIR WELL                      

PULL OR ALTER CASING                      

MULTIPLE COMPLETE                      

CHANGE ZONES                      

ABANDON\*                      

(other)                      

(NOTE: Report results of multiple completion or change on Form 9-330.)

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations a measured and true vertical depths for all markers and zones pertinent to this work.)\*

1-25-80 Drill 280' 12½ hole. Ran shoe and 6 jts. 8-5/8 24# K-55 STC csg. ar cemented w/ 300 sacks class B w/ 2% good returns cir. 35 sacks to surface plug down 10:00pm 1-25-80

2-13-80 Drill 7-7/8 hole to 7150'. Ran Schlumberger IES & Density Neutron

2-14-80 Ran 180 jts 4½ 11.6# K-55 STC csg. to 7150' w/stage collar @ 1266' cement 1st stage w/250 sacks 50/50 poz 2% gel ½ celloflake. Cemented second stage w/250 sacks 65/35 poz & 50 sacks 50/50 poz 2% gel ½# celloflake. Plug down 6:00pm 2-14-80. Did not cir. cement to surface. Ran temp. Cement 300' from surface.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED *Caryl Moore* TITLE Production Supt. DATE 2-19-80

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
MAR 3 1980  
OIL CON. COM.  
DIST. 3

ACCEPTED FOR RE  
FEB 29 1980  
FARMINGTON DISTRICT  
BY *Mal Kuch*

NMOCC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-

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  
 Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR  
 1860 Lincoln Street, Denver, Colorado 80295

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1850' FWL & 1758' FNL 'F' Sec 5, T31N, R12W  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 3.8 miles West of La Plata, New Mex.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1758'

16. NO. OF ACRES IN LEASE  
 320.00

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 W/318.36 -320.00

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 2700'

19. PROPOSED DEPTH  
 7070'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5966' GR

22. APPROX. DATE  
 July 1, 1979

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"	24.0#	250'	200 sx - circl'd to
7-7/8"	4-1/2"	10.5#	7070'	300 sx

1. Drill 12-1/4" hole to 250'. Run and set 8-5/8" casing. Circ cement to surf.
2. WOC 12 hrs.
3. Install blowout preventer. Pressure test surface casing and BOP's to 1000#.
4. Drill 7-7/8" hole to + 7070' w/fresh water gel mud. Log.
5. Run and set 4-1/2" production casing and cement same w/approximately 300 sx.
6. Selectively perforate and stimulate Dakota formation and complete per applicable regulations.

The W/2 of Section 5 is dedicated to this well and the acreage is committed sales contract.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths preventer program, if any.

24. SIGNED C.M. P... TITLE Senior Production Engineer DATE June

(This space for Federal or State office use)

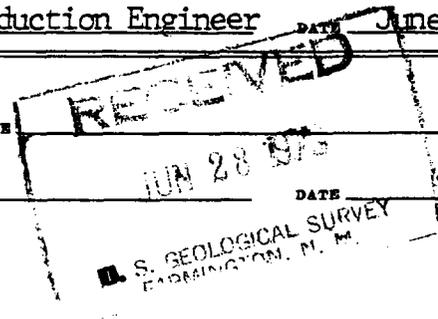
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

NYMOCC



MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

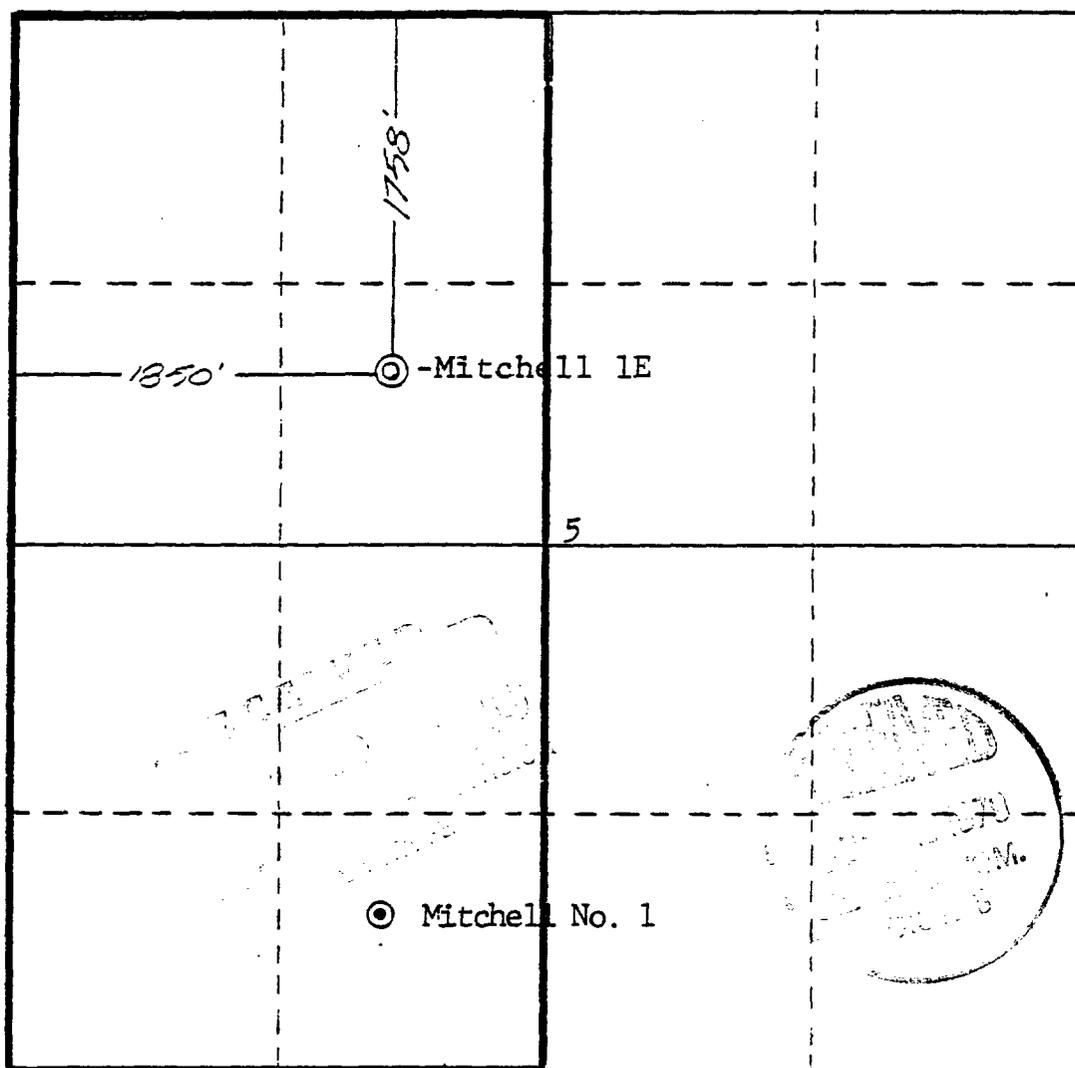
Operator <b>CONSOLIDATED OIL AND GAS, INC.</b>			Lease <b>MITCHELL</b>		
Unit Letter <b>F</b>	Section <b>5</b>	Township <b>31 NORTH</b>	Range <b>12 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well:					
<b>1758</b> feet from the <b>NORTH</b>		line and		<b>1850</b> feet from the <b>WEST</b>	
Ground Level Elev. <b>5966</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedication <b>318</b>

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

Yes     No    If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved.



CERTIFICATE

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

*C. M. Parham*

Name  
**C. M. Parham**

Position  
**Senior Product**

Company  
**Consolidated O**

Date

I hereby certify that the information shown on this plat was obtained from the notes of the survey under my supervision and is true and correct to the best of my knowledge and belief.

Date Surveyed  
**13 May**

Registered Professional  
and/or Land Surveyor  
*James*

Certificate No.