

4-27-2001

Mitchel

1st E

talked w/ Steve about

this application

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

DATE 4/24/01	SUBMIT 5/14/01	ENGINEER MS	LOGGED IN RN	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

Signature

Regulatory Supervisor

Title

Date

4-23-01

pbradfield@br-inc.com
 e-mail Address

BURLINGTON RESOURCES

SAN ALBUQUERQUE
APR 20, 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

_____ 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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF-078767 NM019413	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Burlington Resources CONSOLIDATED OIL & GAS INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401		8. FARM OR LEASE NAME MITCHELL	
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		9. WELL NO. 1-E	
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	
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
8-5/8"	24#	275'	12-1/4
4-1/2"	11.6#	7150'	7-7/8
1 DV TOOL		1277'	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			SIZE 1-1/2
			DEPTH SET (MD) 6968'
			PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7088' - 7106'		DEPTH INTERVAL (MD)	
6882' - 6994'		7088-7106	
		6882'-6994	
		AMOUNT AND KIND OF MATERIAL USED	
		300 G. acid 63,851 G. X-link gel. 25,000# sand	
		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 4-28-80	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →
FLOW, TUBING PRESS. 860 s.i.	CASING PRESSURE 1160 s.i.	CALCULATED 24-HOUR RATE →	OIL—BBL. 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 Caryl Moore		TITLE PROD. FARMINGTON DISTRICT	
DATE 5-5-80			

*(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

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 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

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

Certificate Number

BURLINGTON RESOURCES OIL AND GAS COMPANY

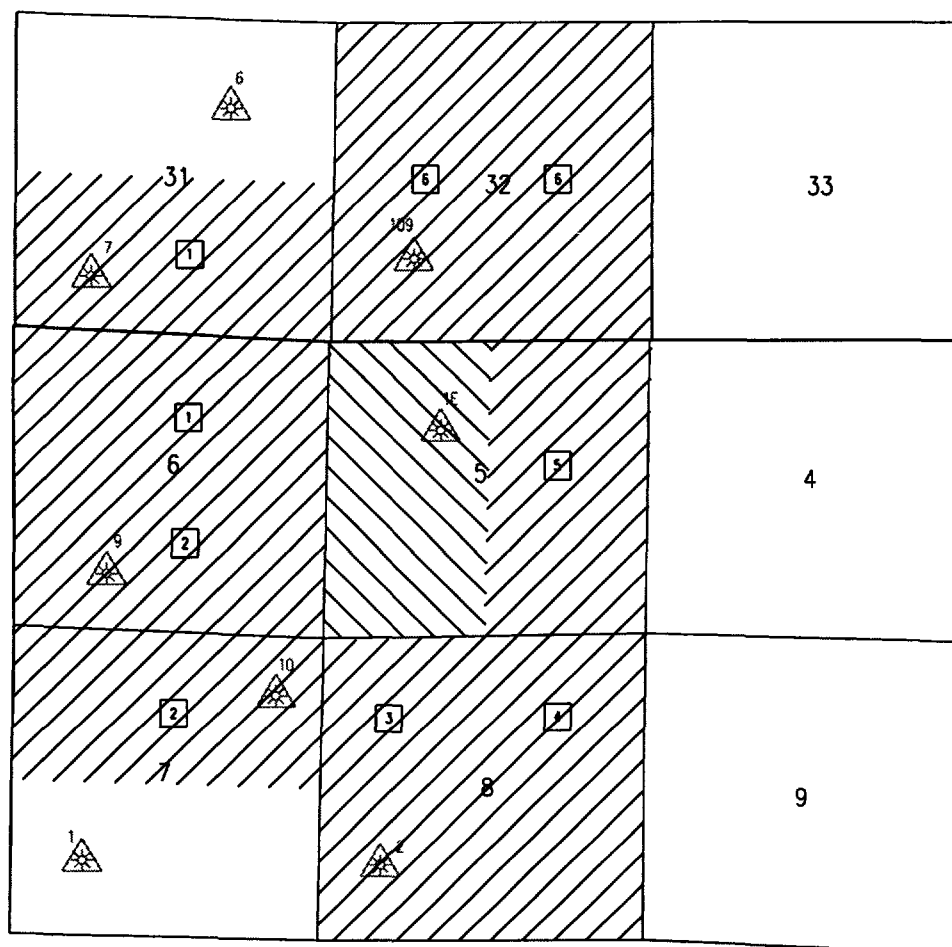
Mitchell #1E

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 Bay 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

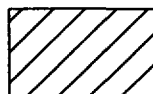
PO Box 2197

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. Chessier, 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 DIVISION
APR 20, 2001

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

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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

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 DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR <u>Burlington Resources</u> <u>CONSOLIDATED OIL & GAS INC.</u>						5. LEASE DESIGNATION AND SERIAL NO. <u>SF 078707 N1M019413</u>	
3. ADDRESS OF OPERATOR <u>P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401</u>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1758' FNL 1850' FWL SEC. 5 T31N R12W</u> At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. _____ DATE ISSUED _____						8. FARM OR LEASE NAME <u>MITCHELL</u>	
15. DATE SPUDDED <u>1-26-80</u>						9. WELL NO. <u>1-E</u>	
16. DATE T.D. REACHED <u>2-15-80</u>						10. FIELD AND POOL, OR WILDCAT <u>BASIN DAKOTA</u>	
17. DATE COMPL. (Ready to prod.) <u>4-28-80</u>						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>SEC. 5 T31N R12W</u>	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* <u>5978 KB</u>						12. COUNTY OR PARISH <u>SAN JUAN</u>	
19. ELEV. CASINGHEAD						13. STATE <u>N.M.</u>	
20. TOTAL DEPTH, MD & TVD <u>7150'</u>						21. PLUG, BACK T.D., MD & TVD <u>7119'</u>	
22. IF MULTIPLE COMPL., HOW MANY* _____						23. INTERVALS DRILLED BY <u>→</u> 1	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>6882' - 7106' BAKOTA</u>						25. WAS DIRECTIONAL SURVEY MADE <u>NO</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>IND/ GR CNL/FDC</u>						27. WAS WELL CORED <u>NO</u>	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#		275'		12-1/4"	
4-1/2"		11.6#		7150'		7-7/8"	
		1 DV TOOL		1277'			
						CEMENTING RECORD	
						200 SX	
						250 SX	
						300 SX	
						AMOUNT PULLED	
						none	
						none	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1-1/2		6968'					
31. PERFORATION RECORD (Interval, size and number)							
7088' - 7106'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6882' - 6994'				DEPTH INTERVAL (MD)			
				7088-7106			
				AMOUNT AND KIND OF MATERIAL USED			
				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)				WELL STATUS (Producing or shut-in)	
		FLOW				S.I.	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
4-28-80		3 hrs.		3/4		→	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
860 s.i.		1160 s.i.		→		681	
						GAS—MCF.	
						85	
						WATER—BBL.	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
VENTED						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 <u>Veryl Moore</u>		TITLE <u>PROD. MANAGER</u>		DATE <u>5-5-80</u>			

* (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
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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

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

10 Surface Location

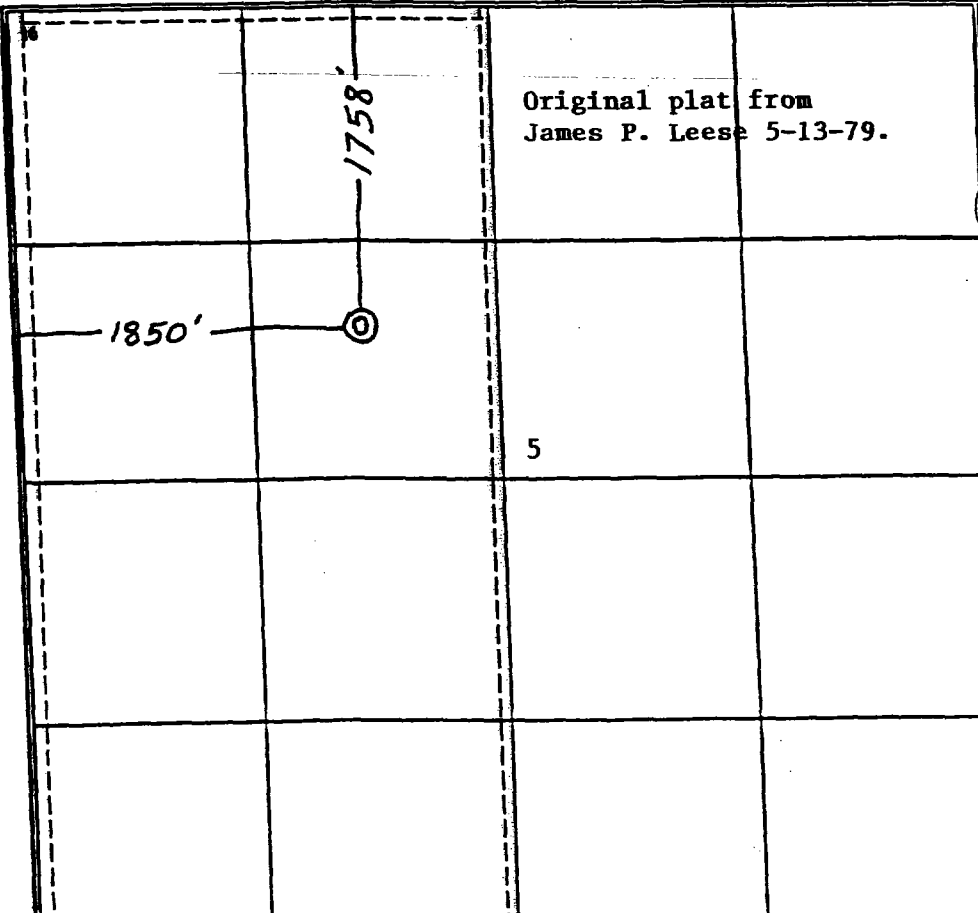
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	31N	12W		1758	North	1850	West	San Juan

11 Bottom Hole Location If Different From Surface

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

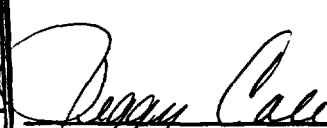
Dedicated Acres W/318.36		Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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

17 OPERATOR CERTIFICATION

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


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

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

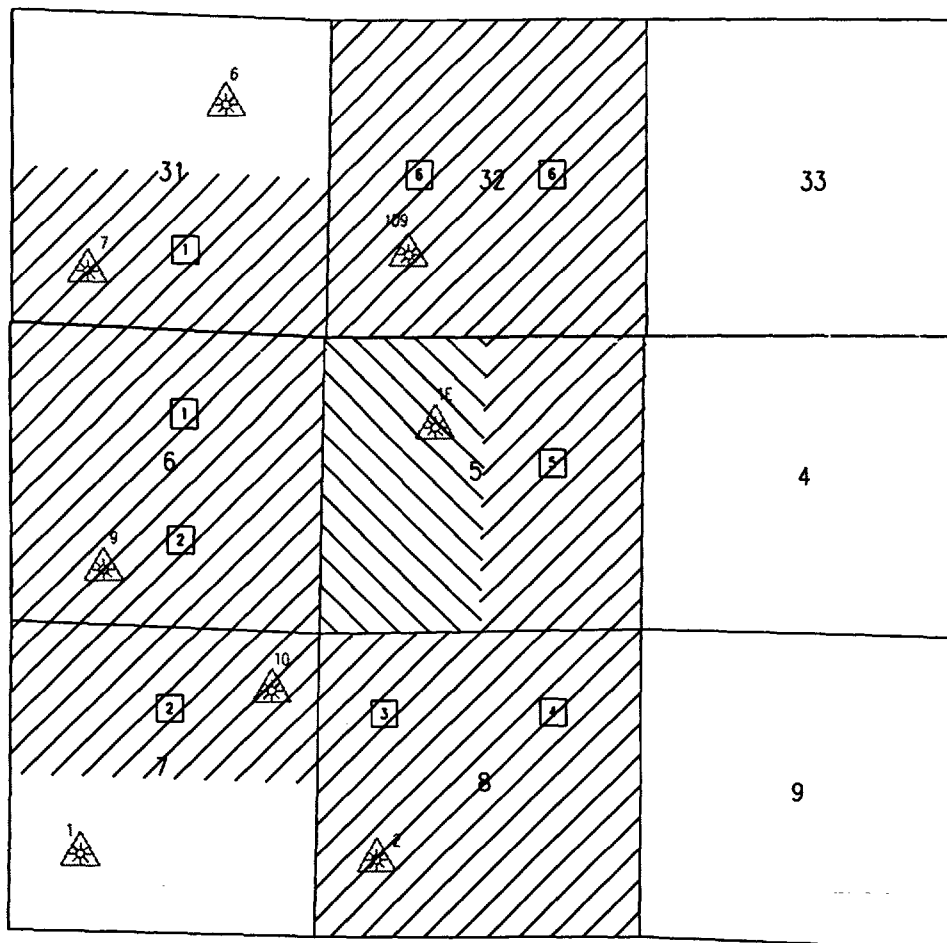
Mitchell #1E

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

OFFSET OPERATOR/OWNER PLAT

Nonstandard Location

Fruitland Coal Formation Well



- 1 Burlington Resources - working interest owner
Orville C Rogers - working interest owner
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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
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API #30-045-23645

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PO Box 552
Midland, TX 79702

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Att: Eva Rodriguez
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Houston, TX 77252

Burlington Resources


Peggy Cole
Regulatory Supervisor

BURLINGTON RESOURCES

SAN ALBUQUERQUE, NM 87102
APR 20, 2001

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: Burt Bledsoe Date: May 7, 2001

Bank of America - Oil & Gas Property Management - Vice President
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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR <u>Burlington Resources</u> <u>CONSOLIDATED OIL & GAS INC.</u>						5. LEASE DESIGNATION AND SERIAL NO. <u>SF-078707 NM019413</u>	
3. ADDRESS OF OPERATOR <u>P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401</u>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1758' FNL 1850' FWL SEC. 5 T31N R12W</u> At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. _____ DATE ISSUED _____						8. FARM OR LEASE NAME <u>MITCHELL</u>	
15. DATE SPUDDED <u>1-26-80</u>						9. WELL NO. <u>1-E</u>	
16. DATE T.D. REACHED <u>2-15-80</u>						10. FIELD AND POOL, OR WILDCAT <u>BASIN DAKOTA</u>	
17. DATE COMPL. (Ready to prod.) <u>4-28-80</u>						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>SEC. 5 T31N R12W</u>	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* <u>5978 KB</u>						12. COUNTY OR PARISH <u>SAN JUAN</u>	
19. ELEV. CASINGHEAD						13. STATE <u>N.M.</u>	
20. TOTAL DEPTH, MD & TVD <u>7150'</u>						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>6882' - 7106' BAKOTA</u>	
21. PLUG BACK T.D., MD & TVD <u>7119'</u>						25. WAS DIRECTIONAL SURVEY MADE <u>NO</u>	
22. IF MULTIPLE COMPL., HOW MANY* _____						26. TYPE ELECTRIC AND OTHER LOGS RUN <u>IND/ GR CNL/FDC</u>	
23. INTERVALS DRILLED BY _____						27. WAS WELL CORED <u>NO</u>	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
<u>8-5/8"</u>	<u>24#</u>	<u>275'</u>	<u>12-1/4</u>	<u>200 SX</u>		<u>none</u>	
<u>4-1/2"</u>	<u>11.6#</u>	<u>7150'</u>	<u>7-7/8</u>	<u>250 SX</u>		<u>none</u>	
	<u>1 DV TOOL</u>	<u>1277'</u>		<u>300 SX</u>			
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<u>1-1/2</u>	<u>6968'</u>	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
<u>7088' - 7106'</u>						DEPTH INTERVAL (MD)	
<u>6882' - 6994'</u>						<u>7088-7106</u>	
						AMOUNT AND KIND OF MATERIAL USED	
						<u>300 G. acid 63,851 G. X-link gel. 25,000# sand</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)				WELL STATUS (Producing or shut-in)	
		<u>FLOW</u>				<u>S.I.</u>	
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.) <u>VENTED</u>						TEST WITNESSED BY <u>S. WILSON</u>	
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 <u>Veryl Moore</u>		TITLE <u>PROD. MANAGER</u>		DATE <u>5-5-80</u>			

* (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

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

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

¹⁰ Surface Location

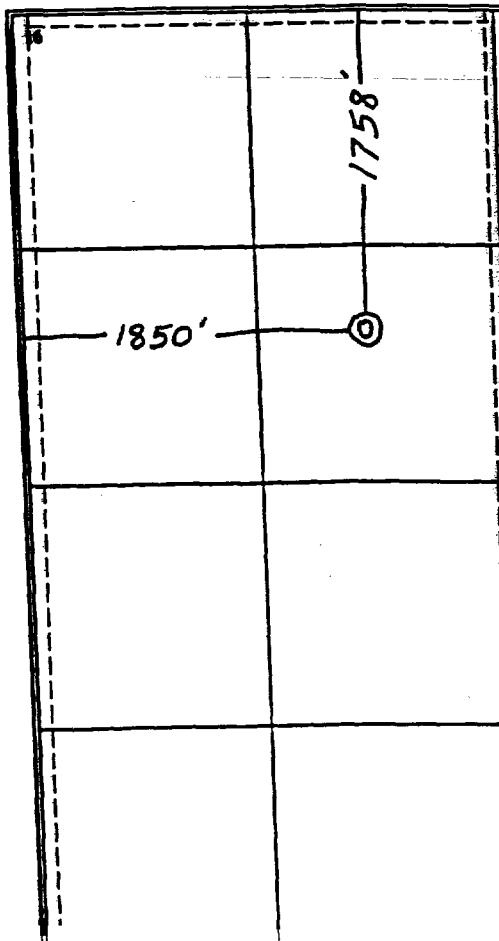
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	31N	12W		1758	North	1850	West	San Juan

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.	
		Signature Peggy Cole Printed Name Regulatory Supervisor Title Date 12-11-00	
	5	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 Surveyor: Certificate Number	

BURLINGTON RESOURCES OIL AND GAS COMPANY

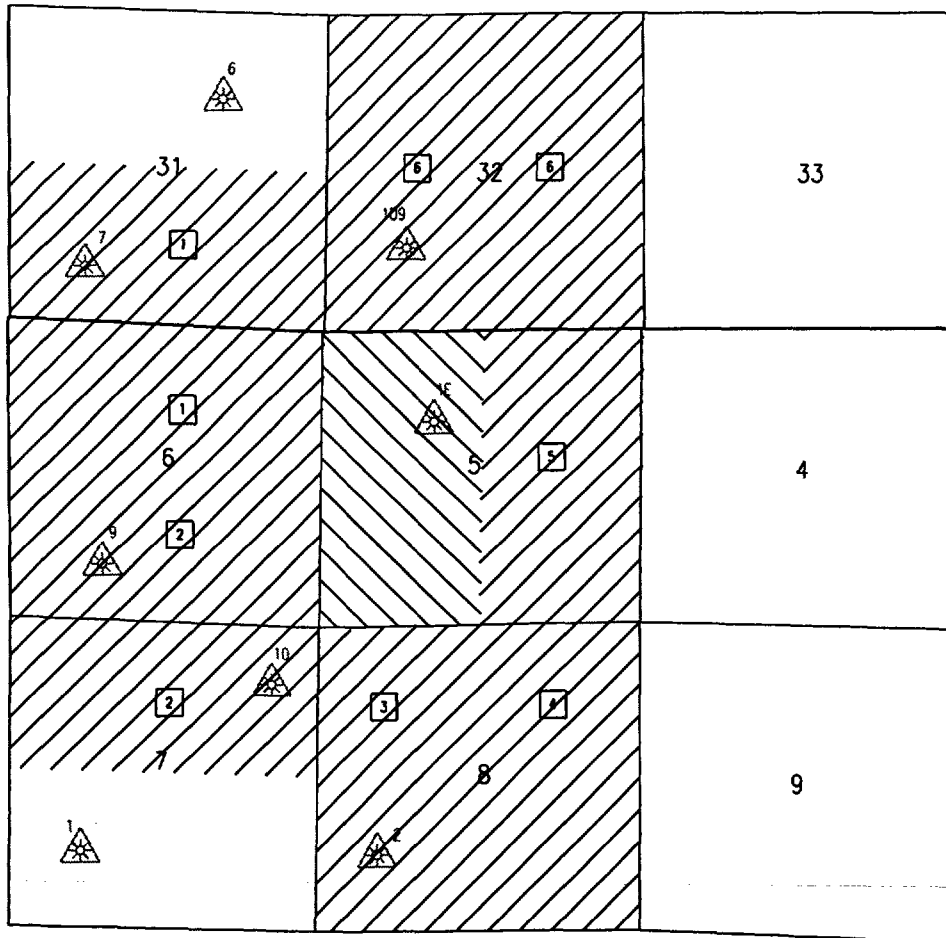
Mitchell #1E

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 Bay Cir

Dallas, TX 752142925

Eula May Johnston Trust - working interest owner

C/O Bank of America No 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

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

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

318.36

CMD :
OG5SECTONGARD
INQUIRE LAND BY SECTION06/05/01 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
PF07 BKWDPF02
PF08 FWDPF03 EXIT
PF09 PRINTPF04 GoTo
PF10 SDIVPF05
PF11PF06
PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

06/05/01 08:28:34
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 an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse

1. Type of Well ☐ Oil Well ☐ Gas Well Other

COAL BED METHANE

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS

3a. Address 3401 EAST 30TH
FARMINGTON, NM 87402

3b. Phone No. (include area code)
505.326.9727

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850FWL 1758FNL

F-5-31-12

5. Lease Serial No.
NM-019413

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement Name and/or No.

8. Well Name and No.
MITCHELL 1E

9. API Well No.
3004523645

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

11. County or Parish, and State
SAN JUAN NM

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 recompleate 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 recompleation 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) PEGGY COLE

Title REPORT AUTHORIZER

Signature

Date 04/04/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

APR 2001
RECEIVED
OIL & GAS DIV
DIST. 3

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 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.

8. Lease Name and Well No.
MITCHELL 1F

9. API Well No.
3004523645

10. Field and Pool, or Exploratory
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

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

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS

3. Address 3401 EAST 30TH
FARMINGTON, NM 87402

3a. Phone No. (include area code)
505.326.9727

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

14. Date Spudded
01/26/2000
19

15. Date T.D. Reached
04/28/2000
19

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/31/2001

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

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

26. Perforation Record

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
Jm - 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

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 - PA Dakota

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the Dakota formation and recompleat 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 Deann 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

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

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.	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Peggy Cole</i></p> <p>Signature Peggy Cole</p> <p>Printed Name Regulatory Supervisor</p> <p>Title 12-11-00</p> <p>Date</p>
		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
		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 PBTD. 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
~~Coal Team Manager~~ Regulatory

Approved: PJ [Signature] 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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

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.

11000

TLW
ACCEPTED FOR RECORD

JUL 17 2000

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

1. Type of Well

☐

Oil
Well

☒

Gas
Well

☐☐

Other

2. Name of Operator

GREYSTONE ENERGY, INC.

3. Address and Telephone No.

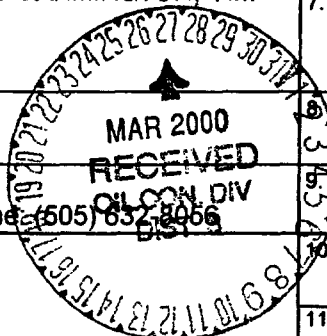
5802 HIGHWAY 64, FARMINGTON, NM 87401

Phone (505) 832-8956

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

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

070 FARMINGTON, NM



5. Lease Designation and Serial No.

NMNM-019413

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MITCHELL 1E

9. 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

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

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

Ray Stahler

Title

PRODUCTION TECHNICIAN

Date

March 16, 2000

(This space for Federal or State office use)

Approved by

Is/ 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

CLST

NMOC

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

¹ Operator name and Address GREYSTONE ENERGY, INC. 1801 BROADWAY, SUITE 630 DENVER, CO. 80202		² OGRID Number 173252
		³ Reason for Filing Code CH
⁴ API Number 30-045-23645	⁵ Pool Name Basin Dakota	⁶ Pool Code 71599
⁷ Property Code	⁸ Property Name MITCHELL (DK) (PSI)	⁹ Well Number 1E

II. 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	S	31N	12w		1758	N	1850	W	SI

¹¹ 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
¹² Use Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
007057	El Paso Natural Gas	2305730	G	
009018	Amant Refining Co.	2305710	O	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

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

VI. Well Test Data

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

"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:

Printed name: TOM PARKER

Title: PRESIDENT

Date:

Phone: 303-221-7576

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

DANA M. DUTCHER

PRESIDENT

Previous Operator Signature

Printed Name

Title

CHATEAU OIL AND GAS, INC 159819

New Mexico Oil Conservation Division

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

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

II. 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	N	1850	W	SJ

¹¹ 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									
¹² Lee Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				
F									

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² 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

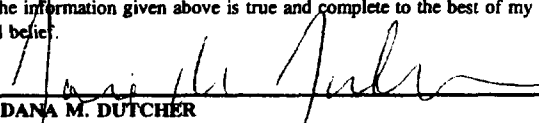
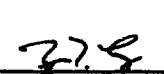
²³ POD	²⁴ POD ULSTR Location and Description

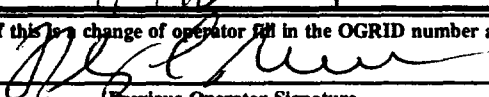
V. Well Completion Data

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

VI. Well Test Data

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

⁴⁷ 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: 	OIL CONSERVATION DIVISION
Printed name: DANA M. DUTCHER	Approved by: 
Title: PRESIDENT	Title: SUPERVISOR DISTRICT #3
Date: 1/1/99	Approval Date: FEB - 3 1997
Phone: 214/953-0198	

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

'90 DEC 11 AM 9 10

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Snyder Oil Corporation	Well API No. 2384500
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 F : 1758 Feet From The North Line and 1850 Feet From The West Line Section 05 Township 31N Range 12W, NMPL SAN JUAN 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	Rge. 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.

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

OIL CONSERVATION DIVISION

NOV 27 1990

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

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

NO. OF COPIES REQUIRED	
DISTRIBUTION	
SANTA FE	
FILE	
M.S.R.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

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

RECEIVED

NOV 22 1985

OIL CON. DIV
DIST. 3

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)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain)
<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

CHANGE OF COMPANY NAME

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	Kind of Lease
			Basin Dakota	State, Federal or Fee
Location	F	1758	North	1850
Unit Later	:	Foot From The	Line and	Foot From The
Line of Section	5	Township	31N	Range
			12W	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 E. E. E. E. E.
(Signature)

Engineering Technician

(Title)

10/21/85

(Date)

OIL CONSERVATION DIVISION

APPROVED NOV 22 1985

BY *Frank J. E. E. E.*

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 recompleted well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau
Expires August

5. LEASE DESIGNATION
NM 019413

6. IF INDIAN, ALLOT

7. UNIT AGREEMENT

8. FARM OR LEASE NAME
MITCHELL

9. WELL NO.
1E

10. FIELD AND POOL, or
Basin Dakota

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

Sec 5, T31

12. COUNTY OR PARISH
San Juan

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) JAN 28 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO.

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

5978'KB, 5966'GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) "Reperf & Refrac"

REPAIRING

ALTERING C

ABANDONME

(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 of 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, 25,00

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/ N₂. Circ hole clean. Ran 216 jts 1-1/2", EUE
landed @ 6943', seating nipple @ 6910'. SI for buildup &
to clean up.

RECEIVED

FEB 14 1985

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

SIGNED

Barbara C. Rex

TITLE Engineering Technician

(This space for Federal or State office use)

DIST. 3

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JAN

FARMINGTO

BY.....

*See Instructions on Reverse Side

NMOCG

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

OF STATE OFFICE	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.U.B.	
LAND OFFICE	
TRANSPORTER	OIL
	NAT
OPERATOR	
PRODUCTION OFFICE	
Operator	

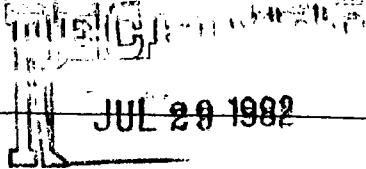
Consolidated Oil & Gas, Inc.

Address
P.O. Box 2038, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)

New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input checked="" type="checkbox"/>

Other (Please explain)



If change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Mitchell	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State Federal or Fee XXXX XXXX	Lease 29-01941
Location Unit Letter <u>F</u> : <u>1758</u> Feet From The <u>N</u> Line and <u>1850</u> Feet From The <u>W</u> Line of Section <u>5</u> Township <u>31N</u> Range <u>12W</u> , NMPM, San Juan				

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

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
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 of hole 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-MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shot-in)	Casing Pressure (Shot-in)	Choke Size

OIL CONSERVATION DIVISION

APPROVED JUN 21 1982

BY Charles Johnson
TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3

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.

Production & Drilling Superintendent

June 8, 1982

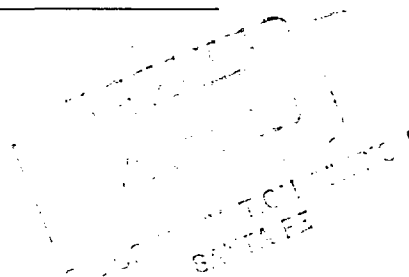
This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the dev tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for a well 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 (1-104) must be filed for each pool in each well.

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 Name93-083-01 73137-51 F 5-31-12
Meter Code Site Code Well Unit S-T-RBasin Dakota El Paso Natural Gas Company
Pool Name of PurchaserWAS MADE ON June 9, 1980,
DateFIRST DELIVERY June 9, 1980
DateAOF -CHOKE 85El Paso Natural Gas Company
PurchaserA. M. Bandy
RepresentativeChief Dispatcher
Titlecc: Operator Denver
Oil Conservation Commission - 2
Proration - El Paso

File



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

5. LEASE DESIGNATION AND SERIAL NO.

SE 67477 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR CONSOLIDATED OIL & GAS, INC.	8. FARM OR LEASE NAME MITCHELL
3. ADDRESS OF OPERATOR P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401	9. WELL NO. 1-E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1758' ENL 1850' ENL SEC. 5 T31N R12W	10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA
11. SEC., T., R., W., OR FRAC. AND SURVEY OR AREA SEC 5 T31N R12W	12. COUNTY OR PARISH SAN JUAN
13. STATE N.M.	
14. PERMIT NO.	15. ELEVATIONS (Show whether DE, RT, CR, etc.) 5978' IB

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

(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. FRAC'D LOWER DK. W/ 63,851 GAL. VERSAGEL 40% X-LINK GEL & 25,000# 20-40 SAND. MAX. PRESS.- 6500#, AVG. PRESS.- 5700#, A.I.R.- 6 BPM.

2ND STAGE DK

4-22-80 PERF DK., 6882'-87-91-97-6902'-10-14-19-24-32-64-68-72-86-90-94. ACIDIZED 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. MAX. PRESS. 3500#, AVG. PRESS.-3200#, A.I.R.- 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

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

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, 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

867-0-51

MITCHELL 1-E TOPS

PICTURE CLIFF: 2074'

HESA VERDE: 3916'

DAKOTA: 6880'

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

30-045-23645

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DEPT. OF OFFICE RECEIVED	
DISTRIBUTION	5
SANTA FE	1
U.S.M.B.	
LAND OFFICE	
TRANSPORTER	1
OIL	
GAS	
OPERATOR	1
PRODUCTION OFFICE	

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:

Recompletion

☐

Oil

☐

Dry Gas

☐

Change in Ownership

☐

Casinghead Gas

☐

Condensate

☐

Other (Please explain)

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

(Test must be after recovery of total volume of load oil and must be equal to or exceed top of hole 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	Shut-in Pressure
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-Bbls.

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. 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

BY

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 device 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 filled for each pool in multi-completed wells.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>		
			DIFF. RESVR. <input type="checkbox"/>	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 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		CABLE TOOLS			
→		1					
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	CEMENT SET 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 (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 4-28-80	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. 85	GAS—MCF.	WATER—BBL.	
FLOW. TUBING PRESS. 860 s.i.	CASING PRESSURE 1160 s.i.	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
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 correct as determined from all available records							
SIGNED Caryl Moore		TITLE BY PROB. SUPT.		DATE 5-5-80			

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

NMOCG

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 33.

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; COARED 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.	2074'		
M.V.	3916'		
DK.	6880'		

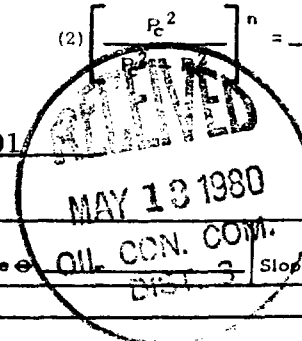
38.

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 Consolidated Oil & Gas Inc.				Connection			
Pool Basin				Formation Dakota			
Completion Date 4/28/80		Total Depth 7150		Plug Back TD 7119		Elevation 5978' KB	
Casing Size 4.500		Wt. 11.6		Set At 7150		Perforations: From 6882 To 7106	
Tubing Size 1.900		Wt. 2.75		Set At 6968		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _g	
L		H		G _g		Prover	
				% CO ₂		% N ₂	
				% H ₂ S		Meter Run	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	
1.	2"		0.750				
2.							
3.							
4.							
5.							
SANTA FE RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	
1	12.365		57	1.0019	0.9608	1.004	
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio		
1					A.P.I. Gravity of Liquid Hydrocarbons		
2.					Specific Gravity Separator Gas		
3.					Specific Gravity Flowing Fluid		
4.					Critical Pressure		
5.					Critical Temperature		
P _c 1172 P _c ² 1373584					(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.2416$		
NO.	P _t ²	P _w	P _w ²	P _e ² - P _w ²	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n =$		
1		517	267289	1106295	AOF = Q $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 801$		
2							
3							
4							
5							
Absolute Open Flow 801					Mcf @ 15.025		
Remarks:					Angle of Slope		
Approved By Commission:					Conducted By:		
					Calculated By:		
					Checked By:		



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STAMPED IN TRIPLICATE*
(Other Instructions on re-verse side)

5. LEASE DESIGNATION AND
SE 178717
6. IF INDIAN, ALLOTTEE'S G

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR CONSOLIDATED OIL & GAS, INC.		8. FARM OR LEASE NAME MITCHELL
3. ADDRESS OF OPERATOR P.O. BOX 2038 FARMINGTON, NEW MEXICO 87401		9. WELL NO. 1-E
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		10. FIELD AND POOL, OR W BASIN DAKOTA
14. PERMIT NO.		11. SEC., T., E., N., OR BLK. SURVEY OR AREA SEC 5 T31N
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 5978.1 FB		12. COUNTY OR PARISH SAN JUAN

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

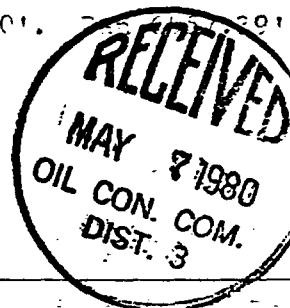
1ST STAGE DK

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 _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*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

- 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) ☐ ☒

5. LEASE CE 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 SAN JUAN	13. STATE NEW MEXI
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND W 5978 KB	

(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' 12 1/2 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 4 1/2 11.6# K-55 STC csg. to 7150' w/stage collar @ 1266' cement 1st stage w/250 sacks 50/50 poz 2% gel 1/2 celloflake. Cemented second stage w/250 sacks 65/35 poz & 50 sacks 50/50 poz 2% gel 1/2 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 Veryl 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:

NMOCC

*See Instructions on Reverse Side

RECEIVED
MAR 3 1980
OIL CON. COM
DIST. 3

ACCEPTED FOR RE

FEB 29 1980

FARMINGTON DISTRICT

BY Mal Kuch

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION NM 019413
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTE
2. NAME OF OPERATOR Consolidated Oil & Gas, Inc.			7. UNIT AGREEMENT
3. ADDRESS OF OPERATOR 1860 Lincoln Street, Denver, Colorado 80295			8. FARM OR LEASE NAME Mitchell
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			9. WELL NO. 1-E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3.8 miles West of La Plata, New Mex.			10. FIELD AND POOL, C Basin Dakota
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	11. SEC., T., R., M., OR S. AND SURVEY OR AB
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	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5966' GR			22. APPROX. DATE WORK July 1, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0#	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 \pm 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 by 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 and blowout preventer program, if any.

24. SIGNED C. M. P. [Signature] TITLE Senior Production Engineer DATE June
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ok [Signature]NYMOCCRECEIVED
JUN 28 1979
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

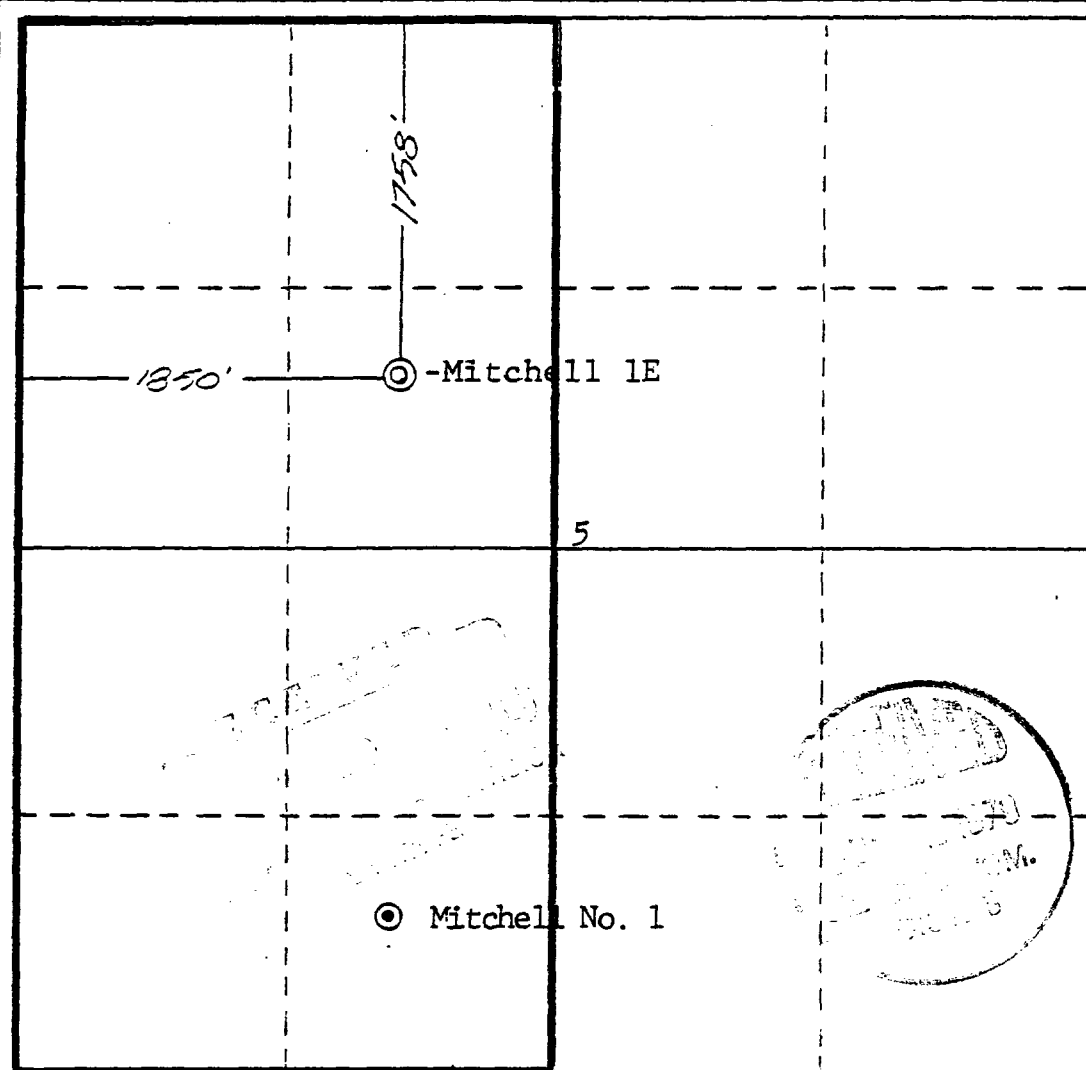
Operator CONSOLIDATED OIL AND GAS. INC.			Lease MITCHELL	
Unit Letter F	Section 5	Township 31 NORTH	Range 12 WEST	County SAN JUAN
Actual Footage Location of Well: 1758 feet from the NORTH line and 1850 feet from the WEST				
Ground Level Elev. 5966	Producing Formation Dakota	Pool Basin Dakota	Dedication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

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 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.