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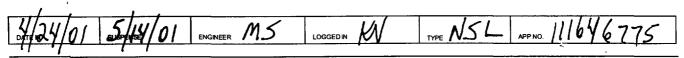
4-27-2001

Is acceptible if no other wells exist

/

that could be

re-entered.



ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION



pbradfield@br-inc.com

e-mail Address

- 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 REGULATION: 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] <b>TYPE OF APPLICATION</b> - Check Those Which Apply for [A] [A] Location - Spacing Unit - Simultaneous Dedication [A] NSL INSP ISD
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
<ul> <li>[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply</li> <li>[A] Uorking, Royalty or Overriding Royalty Interest Owners</li> </ul>
[B] Ø Offset Operators, Leaseholders or Surface Owner
[C] Application is One Which Requires Published Legal Notice
[D] X Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E]
[F] Uvaivers 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

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.

Regulatory Supervisor 4-23-0/ Title Date ale Peggy Cole Print or Type Name Signature



SANAL HANDE VERON

#### **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.

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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

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

Form (3-330 (Rev 5-63)								-		-	file
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VI 35. LIST OF ATTACE	ENTED IMENTS				NUUE				S. W	ILSO	<u>N</u>
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SIGNED	Veryl M	oorl	<u> </u>	ITLE	PROD	FABU	TONDISTR		D/	ТЕ	5-5-80
<u> </u>	*(See li	structions o	and Space	ces for A	Additional	Date	on Rev	erse S	ide)		
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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 37410 District IV PO Bos 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION Submit to Appropriate District Office

PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 21, 1994 Instructions on back τ. **Σ**τ State Lease - 4 Copies Fee Lease - 3 Copies

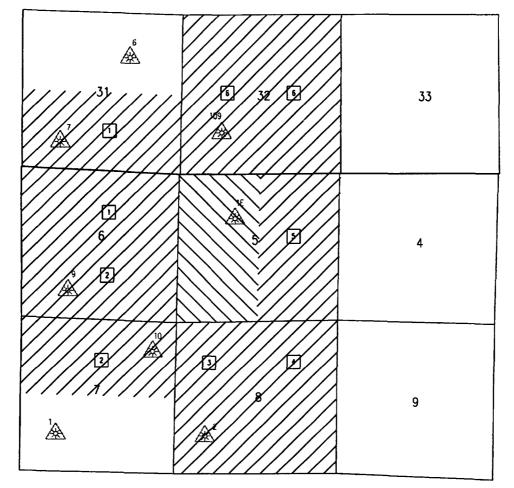
AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

, v	Pl Numbe	r <sup>2</sup> Pool Code				' Pool Name						
30-045-2	23645	<u></u>	7162	29/7159	9	Ba	asin Fruitla	nd Coal/Ba	sin Dal	cota		
* Property (	ode				' Prop	erty N	ame			•	Well Number	
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'OGRID	No.				' Opera							
14538		B	urlin	gton F	59	66' GR						
			<u> </u>		<sup>10</sup> Surfa	ice I	Location					
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F	5	31N	12W	L <u></u>	1758		North	1850	West		San Juan	
		_	<sup>11</sup> Bot	tom Hol	e Locatio	n If	Different Fro	om Surface				
UL or lot BG.	Section	Township	Range	Lot Ida	Feet from th	be	North/South line	Feet from the	East/Wes	it lies	County	
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<sup>13</sup> Dedicated Act		or infill "C	Consolidatio	m Code 15 (	Order No.							
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			NON-ST	ANDARD	UNIT HA	S BE	EEN APPROVED					
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# 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



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 Carbough/Paul M Hardwick **CO**-Trustees Betty T Johnston Marital Trust 245 Commerce Green Blvd Ste 280 Sugar Land, TX 77478

- Energen Resources Corp. operator
   Attn: Richard Corcoran
   2198 Bloomfield Hwy
   Farmington, NM 87401
- Marathon Oil Company operator
   PO Box 552
   Midland TX, 79702
   Farmington, NM 87401
- Conoco Inc. working interest owner
- 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

ţ

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** 

L'ale 1-23-01

Peggy Cole Regulatory Supervisor



SANAL MANDO VIOLON

#### **Sent Federal Express**

. CONTRACTION CIVE

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

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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: <u>Katherine</u> Prewrith Date: <u>May 4, 2001</u>

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

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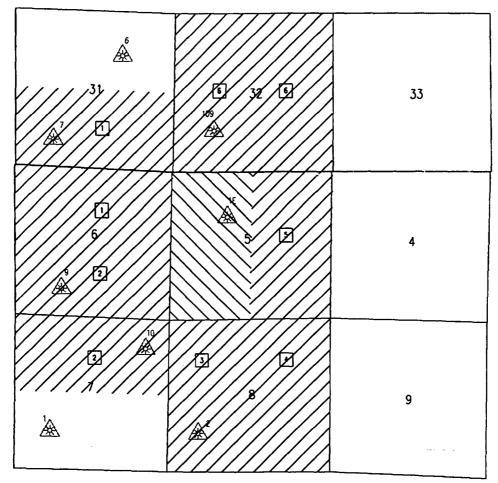
District I PO Box 1980, Hobbs, NM 83241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rin Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New MexicoForm C-102Energy, Münerals & Natural Resources DepartmentRevised February 21, 1994OIL CONSERVATION DIVISIONSubmit to Appropriate District OfficePO Box 2088State Lease - 4 CopiesSanta Fe, NM 87504-2088Fee Lease - 3 Copies

AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

1 A	Pi Numbe	t		' Pool C	ode	[		' Pool	Name		
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# 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



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 Johnste

Betty T Johnston Marital Trust 245 Commerce Green Blvd Ste 280 Sugar Land, TX 77478

- 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
- Conoco Inc. working interest owner

 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

lali 1-2301

Peggy Cole Regulatory Supervisor

BURLINGTON RESOURCES	
SANALMINED!VEBUTIN	MAY 1 4 2001
Sent Federal Express	EVANCE EVANCE OF T
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,

ali

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. Bill Bledore Date: Mar 7, 2001 Bank of America Oit & Gas from Management - Vice President By:

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

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	*(Se	e Instructions	and Spa	ces for /	Additional	Date	on Rev	erse S	ide)	÷ .	·····	

District I PO Box 1980, Hobbs, NM 88241-1980	State of New Mexico Energy, Minerals & Natural Resources Department	Form C-102 Revised February 21, 1994
District II	OIL CONSERVATION DIVISION	
PO Drawer DD. Artesia. NM 88211-0719 District III	OIL CONSERVATION DIVISION	Submit to Appropriate District Office State Lease - 4 Copies
1000 Rie Brazes Rd., Aziec, NM 87410	Santa Fe, NM 87504-2088	Fee Lease - 3 Copies
District IV		
PO Box 2008, Sania Fe, NM 87504-2088		AMENDED REPORT

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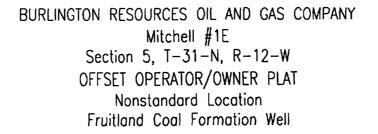
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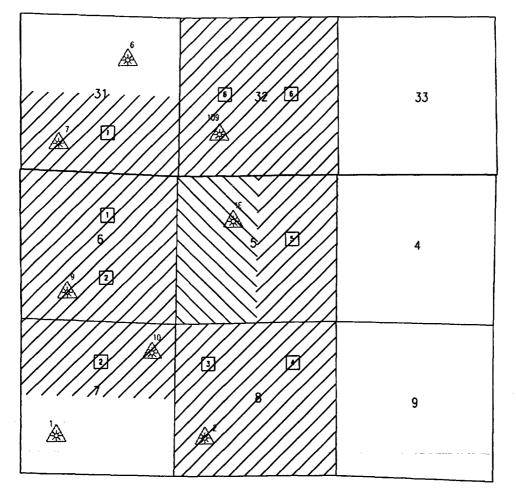
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V A Johnston Family Trust – working interest owner C/O K Prewitt & M A Chesser Trustee

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

- Energen Resources Corp. operator Attn: Richard Corcoran
   2198 Bloomfield Hwy Farmington, NM 87401
- Marathon Oil Company operator
   PO Box 552
   Midland TX, 79702
   Farmington, NM 87401

▲ Conoco Inc. – working interest owner

 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

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

**Burlington Resources** 

-ali 1-2301

Peggy Cole Regulatory Supervisor

CMD : OG5SECT Sec : 05 Twp : 31N	06/05/01 08:27:37 OGOMES -TQCE PAGE NO: 1				
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Well No : 001E GL Elevation: 596			
0/1	Sec Township Range North	/South East/West	Prop/Act(P/A)
Lot Identifier: Dedicated Acre: 313 Lease Type : F	5 31N 12W FTG 1 3.36 Ion (Comm, Unit, Forced Poc		W P
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CMD : OG6ACRE		ONGA C102-DEDIC	RD ATE ACREAGE		/05/01 08:28:39 OGOMES -TQCE Page No : 1
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	S Base	U/L Sec Twp	Rng Acreage	L/W Ownersh	ip Lot Idn
	C D	F       5       31N         K       5       31N         L       5       31N         M       5       31N         N       5       31N         3       5       31N	12W       40.00         12W       39.15         12W       39.21	N FD N FD N FD N FD N FD	
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SUNDRY NO	OTICES AND REPORTS	ON WELLS		<ol> <li>Lease Serial No.</li> <li>NM-019413</li> </ol>	
abandoned well.	form for proposals to drill of Use form 3160-3 (APD) for	such properties	2001 A	i. If Indian, Allottee or	Tribe Name
	CATE - Other instruction	21	r:3 💦	. If Unit or CA/Agreen	nent Name and/or No
1. Type of Well Oil Well	Gas Well Other			. Well Name and No. MITCHELL 1E	<u> </u>
2. Name of Operator BURLINGTON RESOURCES O	IL & GAS		9	. API Well No.	
3a. Address 3401 EAST 30TH FARMINGTON, N	M 87402	3b. Phone No.(inclua 505.326.9727		3004523645 0. Field and Pool, or Ex	
	Sec., T., R., M., or Survey Descript 5-31-12	tion)	1	BASIN FRUITLAN 1. County or Parish, and SAN JUAN NM	
12. CHECK APPR	OPRIATE BOX(ES) TO INDIC	CATE NATURE OF	NOTICE, REPOR	RT, OR OTHER DAI	ГА
TYPE OF SUBMISSION		ТҮРЕ	OF ACTION		
<ul> <li>Notice of Intent</li> <li>Subsequent Report</li> <li>Final Abandonment Notice</li> <li>13. Describe Proposed or Completed Operation If the proposal is to deepen directionally of Attach the Bond under which the work with the source of the sourc</li></ul>	or recomplete horizontally, give subsurfa-	ce locations and measured	e of any proposed wor	ation lete arily Abandon isposal k and approximate duration s of all pertinent markers an	id zones.
following completion of the involved oper testing has been completed. Final Aband determined that the site is ready for final i See attachment	rations. If the operation results in a mult onment Notices shall be filed only after a	iple completion or recompl	etion in a new interval,	a Form 3160-4 shall be file	ed once
Electronic Submission #3365 verified by Committed to AFMSS for processin Name (Printed/Typed) PEG				GAS Sent to the Farmin	ngton Field Office
Signature			04/04/2001		
	THIS SPACE FOR FED	ERAL OR STATE		CEPTED FOR	RECORD
_Approved By				PR 1 2	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to condu	itable title to those rights in the sub				urnuE

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

3-22-01 MIRU. ND WH. NU BOP. TOOH 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. TOOH. Spot balanced plug @ 6125-5975' w/15 sx Class "B" cmt. Reve circ. TOOH. TIH, perf 2 sqz holes @ 3890'. TOOH. 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. TOOH. 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 TOOH. 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.

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(August 19	99)	B	DEPART UREAU	MEN OF L	T OF THE IN AND MANA	TERIO GEMEI	F	APR 20	001	E E				1 APPR NO. 100	
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/GR/CCL, NEUTRON									s DST i			No No No	Yes	(Submit analysis) (Submit report) (Submit copy)	
23. Casing a	nd Liner Red	ord (Report	all strings	set in	well)		<u></u>					2-1			1
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	ng Record	<u> </u>						. <b>I</b>							<u> </u>
Size	Depth Set (N		ker Depth	(MD)	Size D	epth Set	t (MD)	Packer Dep	oth (MD)	Siz	ze I	Deptl	n Set (M	D) P	acker Depth (MD)
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	Formation		To	р	Bottom			ed Interval		Siz	e	No.	Holes		Perf. Status
<u>A)</u> B)	FRUIT		L <b> </b>	2030	2342			2100 T	0 2336				164		
C)			1												
D) 27. Acid.	Fracture. Tre	atment. Cem	ent Sauce	ze. Etc		···· · · · · · · · · ·					l_				
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Choke Size	Tbg. Press. Flwg. SI		24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Ga Ra	s:Oil tio	Well	Status GSI					
28a Brod	uction - Inter			<b></b>	1				1						
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uction - Inter	val D									
Test Dat <del>e</del>	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Met	nod	
Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Stat	us		
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nary of Porou	s Zones (Ir	nclude Aquit	fers):					31. Formation (Log)	Markers	
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Formation		Ton	Bottom		Descriptic	one Contents etc	1	Nome To		
			Douom		- Description			Meas. I		
							PICTURED CLIFFS 234 MESA VERDE 389 GALLUP 605			2030 2342 3890 6050 6878
	• •	lugging pro	cedure):				<b>H</b>			<u> </u>
enclosed atta	chments.									
		s (1 full set r	rea'd.)	:	2. Geologic	Report	3. DS	T Report	4. Directio	nal Survey
5. Sundry Notice for plugging and cement verification2. Goolgie Report5. Sundry Notice for plugging and cement verification6. Core Analysis						7 Other:				
										ctions):
:	Sent to the	e Farmingto	-			•				
(please print)	<u>PEGGY C</u>	COLE		-		Title <u>REP</u>	<u>ORT AUTH</u>	ORIZER		······································
	Test Date Tbg. Press. Flwg. SI uction - Inter Test Date Tog. Press. Flwg. SI sition of Gast Sition of Gast Sition of Gast or all important including dep coveries. Formation	Test Date       Hours Tested         Tbg. Press. Flwg.       Csg. Press.         SI       Hours Date         Test Date       Hours Tested         Tog. Press. Flwg.       Csg. Press.         SI       Si         attribute       Press.         Sition of Gas(Sold, used         b       Sition of Gas(Sold, used         coveries.       Sormation         coveries.       Formation         conal remarks (include p         EMARK PROVIDED         enclosed attachments:         ctrical/Mechanical Log         odry Notice for plugging         by certify that the forego         Electronic Submit         Sent to the	Date       Tested       Production         Tbg. Press.       Csg.       24 Hr.         Flwg.       Press.       Rate         SI       Test       Hours       Test         Date       Tested       Production         Tbg. 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Descriptions, Contents, etc.         Tomation       Top       Bottom       Descriptions, Contents, etc.         enclosed attachments:       2. Geologic Report       6. Core Analysis         ey certify that the foregoing and attached information is complete and correct as determine Sent to the Farmington Field Office. Committe	Test Date       Hours Tested       Test Production       Oil BBL       Gas MCF       Water BBL       Oil Gravity Corr. API       Gas Gravity         Tbg. Press. S1       Csg. Press.       24 Hr. Press.       Oil BBL       Gas MCF       Water BBL       Gas:Oil Ratio       Well Stat Well Stat         Test Date       Hours Tested       Test Production BBL       Oil BBL       Gas MCF       Water BBL       Oil Gravity Corr. API       Gas Gravity         Tbg. Press. S1       Csg. Press.       24 Hr. Press.       Oil BBL       Gas BBL       Water BBL       Gas:Oil Ratio       Well Stat         S1       Press. S1       Csg. Press.       24 Hr. Press.       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Top       Bottom       Descriptions, Contents, etc.       Name         FRUITLAND CC PICTURED CLIF MESA VERDE       FRUITLAND CC PICTURED CLIF MESA VERDE GALLUP       Core Analysis       7. Other:         onal remarks (include plugging procedure):       EMARK PR</td><td>Tested       Heurs Production       Cas BBL       Oil MCF       Weter BBL       Oil Gravity Corr. API       Cas Gravity       Production Method         Tbg. Press.       24 Hr.       Oil       Gas       Water       Bac.Oil       Well Status         Press.       Press.       Press.       Press.       Bac       Bac       Oil Gravity       Gas         Test       Hours       Test       Production       BBL       Gas       Water       Gas.Oil       Well Status         Tbg. Press.       Csg.       24 Hr.       Oil       Gas       Water       Bac.Oil       Well Status       Production Method         Tbg. Press.       Csg.       24 Hr.       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#### submitted in lieu of Form 3160-5 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices	and Reports on V	Vells		
				Lease Number NM-019413
1. Type of Well GAS			6.	If Indian, All. or Tribe Name
2. Name of Operator	<u> </u>		7.	Unit Agreement Name
BURLINGTON	S COMPANY			
3. Address & Phone No. of Operator			8.	Well Name & Number Mitchell #1E
PO Box 4289, Farmington, NM 874	99 (505) 326-970	0	9.	<b>API Well No.</b> 30-045-23645
4. Location of Well, Footage, Sec., 1758'FNL, 1850'FWL, Sec.5, T-31-N			10.	Field and Pool Basin Dakota
			11.	County and State San Juan Co, NM
12. CHECK APPROPRIATE BOX TO INDICAT Type of Submission	E NATURE OF NOTI Type of		ORT, OTHER	
X Notice of Intent	- Abandonment	- Cha	ange of Pla w Construct	ans ion
Subsequent Report	Recompletion Plugging Back Casing Repair	Nor	n-Routine H	Fracturing
Final Abandonment	Altering Casing Other - PA Dako	g Coi	nversion to	 Injection

#### 13. Describe Proposed or Completed Operations

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



14. I hereby certify	that the foregoing is true and	d correct.
Signed Place Ca	Title Regulate	ory Supervisor Date 12/11/00 TLW
(This space for Federa	1 or State Office use)	
APPROVED BY	Title	Date /2/19/00
CONDITION OF APPROVAL,	if any:	
Title 18 U.S.C. Section 1001, makes United States any false, fictitious	it a crime for any person knowingly and willfully t or fraudulent statements or representations as to a	nu mattar within its invisdiation
	ABAOCU (MALD S	Insport NSL in Basin Fivitland Coa

District I PO Box 1980, Hubbs, 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

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AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

. ×	PI Numbe	T	1	<sup>1</sup> Pool Code			' Pool Na				
30-045-2	23645		7162	29/7159	99 Basin Fruitland Coal/Basin Dakota						
' Property (	Code		* Property Name * Well Number								
· .			Mite	hell			-		11	Ε	
'OGRID I	No.				' Operation	or Nume				* Elevation	
14538	[	B	urlin	gton F	lesource	s Oil & Gas	Company		59	66' GR	
			· · ·			e Location					
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/Wes	t line	County	
F	5	31N	12W		1758	North	1850	West		San Juan	
			<sup>11</sup> Bot	tom Hole	e Location	If Different Fr	om Surface				
UL or iot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/Wes	it üne	County	
				i							
<sup>11</sup> Dedicated Acr		or infall "C	ozolidatio	Code   " C	rder No.						
W/318.36											
NO ALLOV	VABLE					FION UNTIL ALL BEEN APPROVEI			EN CC	NSOLIDATED	
<b>F</b>			— — — —	4			17 OPE	RATOR	CFR	TIFICATION	
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							1 <sup>8</sup> SUR	VEYOR	R CER	TIFICATION	
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										tual surveys made by m t the same is true and	
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# 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).
- 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.)

**Icw** 

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

- 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% KCI.
- 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' perfortated 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: **Production Engineer** 

Approvec

Approved

Wireline

Vendors:

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

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

	and the second		
submitted in lieu of Form 3160-	5		
UNI	ITED STATES		
DEPARTMEN	NT OF THE INTERIOR		
C) BUREAU (	OF LAND MANAGEMENT		
(1		1.9	
Sundry Not:	ices and Reports on Wells		
	Gi U i da mana anti i		Lease Number NM-019413
1. <b>Type of Well</b> GAS	E TANK CONTRACTOR	6.	If Indian, All. or Tribe Name
2. Name of Operator	JUL 2000	7.	Unit Agreement Name
BURLINGTON RESOURCES OIL 6	E GAS COMPANY	8.	Well Name & Number
PO Box 4289, Farmington, NM		٥	Mitchell #1E API Well No.
FO BOX 4209, Farmingcon, MA	87499 (303) 328-9700	Э.	30-045-23645
4. Location of Well, Footage, Se		10	Field and Pool
1758'FNL, 1850'FWL, Sec.5, T-		10.	Basin Dakota
1,00 1.2, 2000 1.2, 500.0, 1		77.	County and State
			San Juan Co, NM
12. CHECK APPROPRIATE BOX TO IND	ICATE NATURE OF NOTICE, REPORT,	OTHER	DATA
Type of Submission	Type of Action		
_X_ Notice of Intent	Abandonment Change	of Pla	ans
	Recompletion New Co	nstruct	tion
Subsequent Report	Plugging Back Non-Ro	utine 1	Fracturing
	Casing Repair Water	Shut of	Ef
Final Abandonment	Altering CasingConver XOther -	sion to	D 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 the	hat the foregoing is true and	correct.	
Signed Jammy Win	MSall - fartitle Regulato	ory Supervisor Date	7/11/00 TLW
(This space for Federal (	or State Office use)		EPTED FOR RECOR
APPROVED BY	Title	Date	
CONDITION OF APPROVAL, i: Title 18 U.S.C. Section 1001, makes it a United States any false, fictitious or fo	E any: crime for any person knowingly and willfully to raudulent statements or representations as to an NANCO	make to any department or agen y matter within its jurisdiction	

(June 1990) DEPARTMENT OF 1	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT							
SUNDRY NOTICES AND RE	PORTS ON WELLS	5. Lease Designation and Serial No. NMNM-019413						
Do not use this form for proposals to drill or to de Use "APPLICATION FOR PERM		8. If Indian, Allottee or Tribe Name						
SUBMIT IN TRI	PLICATE	1						
1. Type of Well Oit Gas Well X Well	Other	7. If Unit or CA, Agreement Designation						
2. Name of Operator	MAR 2000	8 Well Name and No.						
GREYSTONE ENERGY, INC.	A PECEWED	MITCHELL 1E						
3. Address and Telephone No.	E OI CON DIV	9. API Well No.						
5802 HIGHWAY 64, FARMINGTON, NM		30-045-23645						
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Descrip	tion)	10. Field and Pool, Or Exploratory Area						
1758' FNL & 1850' FEL	A A A A A A A A A A A A A A A A A A A	BASIN DAKOTA						
SEC. 5, T31N, R12W	Calle Challes Marine	11. County or Parish, State						
		SAN JUAN, NM						
12. CHECK APPROPRIATE BOX(s) TO	DINDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA						
TYPE OF SUBMISSION	Т	YPE OF ACTION						
X Notice of Intent	Abandonment X Recompletion	Change of Plans						
Subsequent Report	Plugging Back	Non-Routine Fracturing						
	Casing Repair	Water Shut-Off						
Final Abandonment Notice	Altering Casing	Conversion to Injection						
	Other	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 give subsurface locations and measured and true vertical dept		late of starting any proposed work. If well is directionall drilled,						
Request a 90 day extension to evalu	ate possible recompletion to Mesa Verde	or						

Fruitland Coal.

# THIS APPFROVAL EXPIRES JUN 1 5 2000

14. I hereby certify that the foregoing is frue and correct Signed	Title	PRODUCTION TECHNICIAN	Date	March 16, 2000
(This space for Federal or State office use) Approved by <b>/s/ Charlie Beecham</b> Conditions of Approval, if any:	Title		Date	MAR 2 3 2000

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, fictious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCO

## \*See Instruction on Reverse Side

us-

District II 811 South First, District III 1000 Rio Brazos District IV 2040 South Pach I. 4 A 30-045-23 7 Pr	Box 1980, Hobbs, NM 88241-1980 Form South First, Artesia, NM 88210 OIL CONSERVATION DIVISION South First, Artesia, NM 88210 OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT 'Operator name and Address GREYSTONE ENERGY, INC. 1801 BROADWAY, SUITE 630 DENVER, CO. 80202 'API Number 'API Number 'Operator de Code 'API Number 'Property Code 'Property Code 'Well Number MITCHELL; (DK) (PSI) DIA COMPACTION TO TRANSPORT 'Well Number 'Well Number 'Well Number					5 Copies IENDED REPORT ber g Code				
II. <sup>10</sup> S	Surface	Location	Range	Lot.Idn 1	Feet from t	North	South Line	1	In case of the	1 2 10 1
UI or lot no.	Section	Township	15	Lot.Jan 1			South Line		East/West line	County
		<u>NK</u>	1dw	l.	15	<u> </u>	J	1850	$\bot \omega$	3,
UL or lot no.	Section	Hole Loca	tion Range	Lot Idn	Feet from	the North	South line	Feet from the	East/West line	Granta
UL or lot no.	Section	rownsmp	Range		reet from	the Horth	Sourn une	reet troin the	Lasi/ west fine	County
<sup>12</sup> Lse Code	<sup>13</sup> Produci	ng Method Cod	le <sup>14</sup> Gas (	Connection Date	15 C-1	29 Permit Numb	er	<sup>14</sup> C-129 Effective I	Date 17 C	C-129 Expiration Date
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IV. Produ		ter	·						······	- <u>-</u>
29	POD				24	POD ULSTR Lo	cation and	Description		
V. Well (	<u>COMPIE</u> d Date		Ready Date		27 TD		PBTD	" Perfors		* DHC, DC,MC
Spo	a Date		teady Date				r D I <i>D</i>	retion	llions	Dhc, DC,MC
	<sup>31</sup> Hole Size	;	32 (	Casing & Tubing	Size		<sup>33</sup> Depth S	Set	<sup>34</sup> Sa	cks Cement
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VI. Well	Test Da	<u>ita</u>						·····		····
35 Date 1	New Oil	<sup>34</sup> Gas De	livery Date	" Test	Date	<sup>36</sup> Test	Length	" Tbg. P	ressure	" Csg. Pressure
" Chol	e Size	4	Oil	49 Wi	ater		Gas	45 AC	DF	" Test Method
<sup>47</sup> I hereby cert	" 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 OIL CONSERVATION DIVISION								SION	
knowledge and				ifficie to the best o	,			ONSERVAT		51014
Signature: ( Can faith Approved by:							1. du			
knowledge and belief. Signature: 100 Jacon Approved by: 27.5 Printed name: TOM PARKER Title: SUPERVISOF DISTRUCTOR										
Title: PRESIDENT Approval Date:										
Date:	16159	3 1	Phone: 30	3-221-7576					1-1-1330	
" If this is a	change of op	erator fill in th	e OGRIØ nu	mber and name o	f the prevk	ous operator				
L	1.10	$\sim 10$	lehe			····		M. DUTCHER		PRESIDENT
	Previous Operator Signature Printed Name Title 9//Date 7 CHATEAU OIL AND GAS, INC 159819									

		СНА	TE	۱U	OIL.	AND	) GAS	, INC I
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b W	Mex	ICO.	Oil	Co	1980	vati	on Di	vision

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District I PO Box 1980, H District II	lobbs, NM I	M 88241-1980 State of New Energy, Minerals & Natural					v Mexico Form C- Resources Department Revised October 18, 19 Instructions on b					
311 South First, District III	Artesia, N	M 88210		0	IL CONSI	ERVAT	ION I	DIVISI	ON	Subm	it to Appro	opriate District Off
000 Rio Brazo	Rd., Aztec	, NM <b>8</b> 7410			2040 Santa	0 South a Fe, N	Pache M 87:	eco 505				5 Cop
District IV 2040 South Pac	heco. Santa	Fe. NM 8750	15			,	••• <u>-</u> _				Ľ≱ A	AMENDED REPO
[.				FOR AI	LOWAB	LE AN	D AU	THOR	IZAT	ION TO TR	ANSPO	RT
			-		ne and Address AND GAS, INC					/~	<sup>1</sup> OGRID N 981	
					VENUE, SUIT						Reason for H	
	PI Number	DALLAS, TX 75201 CH										
30-045-23				T	BASIN						-7	・Pool Code インション
° Pr	operty Cod	e			-(1		perty Na					'Well Number
I. <sup>10</sup>	fo o o	Location	<u> </u>		M	ITCHELL	#1-E (D	K) (PSI)	<del>,</del>		<u>_l</u>	
Ul or lot no.	Surface Section	Township	_	Range	Lot.Idn	Feet from	the	North/So	uth Line	Feet from the	East/West	line County
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11	Bottom	Hole Lo	cati	ion				·`·		L	I	
UL or lot no.	Section	Township	,	Range	Lot Idn	Feet from	the	North/S	outh line	Feet from the	East/West	line County
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<sup>12</sup> Lse Code	Produc	ing Method (	Code	Gas (	Connection Date	e ~ C-1	129 Perm	it Number		C-129 Effective I	Date	<sup>17</sup> C-129 Expiration Dat
II. Oil a	nd Gas	Transpo	rter	rs								
<sup>18</sup> Transpo OGRID				ansporter N nd Addres			» PO	D	21 O/G	1	<sup>2</sup> POD ULST and Desc	
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07057	/ Р.	O. BOX	ζ4	990	GAS C	•	<u>303</u>	<u>, 750</u>	5		_	
009018 FARMINGTON, NM 87499 2305710 0												
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	Marin						4		175050			
IV. Prod	uced W	ater							A STORAGE			·····
	POD					24	POD UI	LSTR Loca	tion and	Description	<u></u>	
X7 XV-11	Contral											
V. Well	COMPIC d Date			ady Date	<u> </u>	" TD		21 PB	TD	29 Perform	tions	<sup>34</sup> DHC, DC,MC
	<sup>31</sup> Hole Siz	e		<sup>32</sup> (	Casing & Tubin	ng Size		3	<sup>3</sup> Depth S	et		<sup>4</sup> Sacks Cement
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VI. Well	Test D	lata				·		<u> </u>				
<sup>36</sup> Date			Deliv	ery Date	<sup>37</sup> Te	st Date	<u> </u>	™ Test La	ength	" Tbg. P	ressure	* Csg. Pressure
				-								
4 Cho	ke Size		40	il.	41	Water		4 Ga	IS	* A	OF	" 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 OIL CONSERVATION DIVISION												
knowledge and befief.												
Signature: / b. s.e / l.l. / ind					Approved by:							
Printed name: DANA M. DUTCHER						Title:		SUF	ERVISOR	DISTRI	CT #3	
Title: PRESIDENT Approval Date:												
Date: ((	111	86			4/953-0198					FEB -	<u>3 1997</u>	
" If this Joy	change of c	perator fill in	n the	OGRID nu	imber and nam	e of the pre-	vious ope					
-44	4-1						Deda	TERRY L	SAVAG	;£ 		ORNEY-IN-FACT
-06	Frevious	Operator Si	gnatu	ire				ted Name	21842 (1)	21030	Title	e

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New Mexico Oil Conservation Division

Appropriate District Office Energy, Minerals and District I P.O. Box 1980, Hobbe, NM 18240 DISTRICT II P.O. Drawer DD, Adenia, NM 18210 P.O. Drawer DD, Adenia, NM 18210 P.O.	New Mexico Intural Resources Department _ ODISL _ JN D Milital III.so RESE /ED See Instructions ATION DIVISION Box 2088 '90 DEC 11 AM 9 10 Mexico 87504-2088
1000 Rio Brazos Rd., Aztec, NM 87410 REQUEST FOR ALLOW	ABLE AND AUTHORIZATION DIL AND NATURAL GAS
Snyder 011 Corporation	Well AP No. 2364500
Address       1801 California St. Ste 3500, Denve         Resson(s) for Filing (Check proper box)         New Well       Change is Transporter of:         Recompletion       Oll       Dry Ges         Change is Operator       Calingheed Gas       Condenses         If change of operator give same       Columbus Energy Corian distance of previous operator	Other (Please explain)
IL DESCRIPTION OF WELL AND LEASE         Lesse Name       Well No.       Pool Name, Inc.         MITCHELL TE       Basin       Basin         Losse       F       1758       Peet Prom The	Make FormationXind of LosseLosse No.DakotaFederal29-019413North1850WestLine andSAN JUANCounty
III. DESIGNATION OF TRANSPORTER OF OIL AND NAT	URAL GAS Address (Give address to which approved copy of this form is to be sent) P.O. Box 256, Farmington, NM 87499
Nerre of Authorized Transporter of Catinghand Gas or Dry Gas ( E1 Paso Natural Gas Company If well produces oil or Hypids, J Unit See.   Twp.   Ry give Iconsion of Lanks.   F   05   31N  12	Address (Give address to which approved copy of this form is to be sent) P.O. Box 4990, Farmington, NM 87499 a. Is gas scitcally connected? When ? W YOS
If this production is comminged with that from any other lease or pool, give commin VL OPERATOR CERTIFICATE OF COMPLIANCE I hereby certify that the rules and regulations of the Oil Conservation Division have been complete with and that the information gives above is true and complete to the best of my knowledge and belief. MULLICIANCE/MALL MAN Signature Patricia Tognoni Erigr Tech Printed Name 10/01/90 303-292-9100 Date Telephone No.	OIL CONSERVATION DIVISION Date Approved

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

1 ·

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rale 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.

EGEIVE NOV 2 7 1990 QUILCON ... DIV. DIST. 3

		<b>)</b>
	STATE OF NEW MEDICO ENERGY AND MINERALS DEPARTMENT	1
		DECEIVE
	LANTA PE P. G. J	ATION DIVISION
	SANTA FE, NE	EW MEXICO 87501 NOV 2 2 1985
	TRANSPORTER OR I REQUEST F	OIL CON. DIV
	L AUTHORIZATION TO TRAN	AND DIST. 3 SPORT OIL AND NATURAL GAS
	Columbus Energy Corporation (Formerly	Consolidated Oil & Gas, Inc.)
	Address P.O. Box 2038, Farmington, New Mexico	87499
-	Aursents) for filing (Check proper bac)	Other (Pirase expine)
	I change of ownership give name and address of previous owner	
	IL DESCRIPTION OF WELL AND LEASE	·
	MITCHELL 1E Well No. Pool Name, Jaciutine Basin Da	
	F 1758 North	1850 West
	5 31N	12W Fort Free The 12W San Juan
	III. DESIGNATION OF TRANSPORTER OF OIL AND NATURA	Accross (Give accress is match approved copy of this form
	Giant Refining Company	P.O. Box 256, Farmington,
	El Paso Natural Gas Company	P.O. Box 990, Farmington,
	tt well prosense ell er liquide. Unit , Sec. 7 up. Rop. groe lacettan of tonta. F + 5 31N + 12W	
	If this production is commingled with that from any other lease or pool,	, give commangling order number
·	NOTE: Complete Parts IV and V on reverse side if necessary.	n
<i>t</i> )/	VL 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 our and complete to the best of	
	my knowledge and belief.	ST STREET
	11.56-	TITLE SUPERVISOR DISTRICE # 3
	Signature)	This form is to be filed in compliance with RU If this is a request for allowable for a newly dr
	Engineering Technician	well, this form must be accompanied by a tabulation twens taken on the well in accordance with RULE All sections of this form must be filled out com
	(تعلیم) 10/21/85	shis on new and recompleted wells.
	(Date)	Fill out only Sections L II. III, and VI for ch well name or number, ar transportst or other such the
		Separate Forms C-104 must be flied for each completed wells.

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Form 3100-3 (November 19 (Formerly 9-)	83) 331) <b>[</b>	DEPARTN	UNITED STAT	e interio	SUBMIT IN TRI (Other instruction verse side)	PLICATE®		IGNATIO
(Do no	SUNDR t use this for	MANDE M for propose "APPLICA	ICES AND RE ais to drill or to de TION FOR PERMIT	PORTS ON	N WELLS	roir.	6. IF INDIAN,	ALLOTT
1. J	GAB (ফা			- 7	S Chelling		7. UNIT AGES	EMENT :
WELL .	GAN WELL X	OTHER			IL PLEIN IV		8. FARM OR I	
Consolida		1 & Ga	s. Inc.		FRR HALLE		MITCHE	
3. ADDRESS OF							9. WELL NO.	
PO Box 2	038, Fa	rmingt	on, NM 874	99 O!L CO	NETCHATIO			1E
4. LOCATION OF See also spi At surface	r WELL (Repo ace 17 below.)	rt location cl	early and in accorda	nce 1469 197 19	te provirementate	<b>E</b> .C.	10. FIELD AN	•
At surface	1758'	FNL &	1850' FWL	(SE/NYA)	(F2) 8 1985		Basin 11. sac., r., r survey	
				BUREAU OF	LAND MANAGEM	NT	Sec 5,	
14. PERMIT NO.			15. ELEVATIONS (Sh	FARMINGIO	N RESOURCE AR		12. COUNTY O	
				'KB, 5960			San Ju	
16.								
				Indicate Nati	ure of Notice, Rej	-		
		CE OF INTENS	TION TO:			SUBSEQU	BNT REPORT OF	:
	E SHUT-OFF		CLL OR ALTER CASING	°	WATER SHUT-OFF		RE	PAIRING
FRACTURE 1 SHOOT OR A			ULTIPLE COMPLETE BANDON®		FRACTURE TREATS	j		TERING C
REPAIR WE			HANGE PLANS		(Other) "Rep			ANDONME 1
(Other)					(NOTE : Ren	ort results	of multiple con etion Report an	nuletion
12-27-84 12-28-84 12-29-84 1-2/16-8	packer w/ pkr Spot 5 tbg & Perf f (17 ex 750 ga surfac 1 PPG ISIP 1 Starte 5 Clean: CO san landed	on 2- . TIH 00 gal pkr. rom 68 isting 1 15% /1000 sd, 25 500, 1 d clea ing up d w/ N	3/8" tbg & & set ret 7-1/2% HC Ran GR/CCL 80'-6924', holes). HCl & 144 gal & 75,0 ,000 gal w 5 min 800. ning up & & swabbing 2. Circ h	tag @ 70 r pkr @ 0 l across for corr 6950-72 Break dow balls. H 00# 20/40 / 2 PPG 2 2300 bl swabbing swabbing		ested to 25 80' t om 70 , 70 1 @ 2 000 ga 00 ga 08 bb	00#, OK. 00' to 6 perfs, . 900#. A 1 pad, 2 1 1% KC1 1-1/2",	EUE
signed X	Barkar	a C.	·	NTLE Engin	eering Tec	U FEE Glb G	BEIV 1 4 1985 ON44701	
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APPROVED CONDITION	BY IS OF APPRO			TITLE			_ DATE _	JAI
		VAL, IF AN	Y:				FAR	MINGIO

Title 18 U.S.C. Section 1001, makes it a crime for any person knowing Gond willfully to make to any department or ag United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ł			ATION DIVISION 2068	form E-104 Fevised 10-1-78
	rup U.s.u.s.	SANTA FE, NEV	N MEXICO 87501	
	LAND UPPICE		R ALLOWABLE	·
ا.	DAS DERATOR PROPATION OPPICE		ND PORT OIL AND NATURAL GAS	
	Consolidated Oil 8	Gas, Inc.		
		armington, New Mexico	87401	·
	Reason(s) for filing (Chrck proper box New Well	) Change in Transporter of:	Other (Please explain)	SIGA- WHENE
	Recompletion	Oil Dry Ge		
	Change in Ownership	Casinghead Gas Conde	nsate X	JUL 29 1982
	If change of ownership give name and address of previous owner			UNSERVAN
ļ.	DESCRIPTION OF WELL AND	Well No. Pool Name, Including F	ormation . Kind of L	SANTA FL
	Mitchell	lE Basin Dakot	- -	leral XrXFX 29-0194]
	Unit Letter F; 175	58 Feet From The N Lin	e and 1850 Feet Fr	om The W
	5	: 31N mship Range	,	San Juan - Cou
١.		TER OF OIL AND NATURAL GA		
	None of Authorized Transporter of OII Giant Refinery	or Condensate 💭 🔒	Address (Give address to which ap P.O. Box 256, Farmi	proved copy of this form is to be sentj
	Nome of Authorized Transporter of Cas		Address (Give address to which ap	proved copy of this form is to be sent)
	El Paso Natural Gas	5 CO. Unit Sec. Twp. Rge.	P.O. Box 990, Farmi Is gas actually connected?	ngton, N.M. 87401 When
	give location of tanks.	F 5 31N 12W	Yes .	
	If this production is commingled wit COMPLETION DATA	h that from any other lease or pool,		
	Designate Type of Completio		New Well Workover Deepen	Plug Back   Same Res'v, Diff. F
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth
	Perforations		±	Depth Casing Shoe
			CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	TEST DATA AND REQUEST FO	DRALLOWABLE (Test must be a) able for this de	fier recovery of total volume of load pth of be for full 24 hours) Producing Method (Flow, pump, ga	oil and must be equal to or exceed top :
	Date First New Oll Run To Tanks			, ii)(, e(c.)
	Length of Test	Tubing Pressus	Casing Proseure	Choxe Size
	Actual Prod. During Test	О11-ВЫ.	Waler - Bble.	S Ou-MCF
•	GAS WELL	······································		
ĺ	Actual Prod. T+st-MCF/D	Longth of Tost	Bble. Condened and S	G Greaty dt Conderieate
	Testing Method (pitor, back pr.)	Tubing Freeswe (Shat-12)	Casing Presswe (SD4-in) O	Chois Size
۰ ر ۱.	CERTIFICATE OF COMPLIANC	CE,		ATION DIVISION
	I hereby certify that the rules and r	egulations of the Oll Conservation	APPROVED JUN 211	982
	Division have been complied with above is true and complete to the	and that the information given	BY_ Churles	hoken
		$\sim$	TITLE DEPUTY OIL & GAS	INSPECTOR, DIST. #3
	11.	a down		in compliance with RULE 1104. Iowable for a newly drilled or deep
-	Signo		well, this form must be according to the taken on the well in ac	spanied by a tabulation of the devi
-	Production & Dril	ling Superintendent		must le filled out completely for a
-	June 8,	1982	Fill out only Section 1	, 11, 111, and VI for changes of or source, or other such change of cond
	1.			ast to filed for each post in not

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

## NOTICE OF GAS CONNECTION

DATE \_\_\_\_\_ June 19, 198

## THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOF

GAS FROM <u>Consolidated Oil and Gas</u> Operator	Mitchell #1-E Well Name
<u>93-083-01</u> 73137-51 Meter Code Site Code	F         5=31-12           Well Unit         S=T=R
Basin Dakota Pool	<u>El Paso Natural Gas Company</u> Name of Purchaser
WAS MADE ON <u>June 9, 1980</u> , Date	FIRST DELIVERY <u>June 9, 1980</u> Date
AOF	
CHOKE 85	El Paso Natural Gas Compa Purchaser <u>J. M.</u> Representative <u>Chief Dispatcher</u> Title
cc: Operator Denver	

c: Operator Denver Oil Conservation Commission – 2 Proration – El Paso

File



Form 9-1 (May-10		Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO. SF (74767 NMO 19413
	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.)	6. IF INDIAN, ALLOTTEE OR TRIME NAME
1. 01L		7. UNIT AGREEMENT NAME
WELI	L L WELL L OTHER	S. FARM OR LEASE NAME
	TSULIDATED OIL & GASL INC.	NITCHELL
	ESS OF OPERATOR	9. WELL NO.
Р.	.C. ECK 2038 FAUMINGTON, NEW MEXICO 27461	1-5
4. LOCA	TION OF WELL (Report location clearly and th accordance with any State requirements.	10. FIELD AND FOOL, OR WILLPCAT
	also space 17 below.)	PASIN DAKOTA
1	55' EFL 1850' FUL SEC. 5 T31N R12W	11
14. reas	4FT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	59781 IB	SAN JUAN N.M.
FRA SHO EEF (O) 17. DESC p)	ST WATER SHUT-OFF     PULL OR ALTER CASING     WATER SHUT-OFF       ACTURE TREAT     MULTIPLE COMPLETE     FRACTURE TREATMENT       OOT OR ACIDIZE     ABANDON*     SHOOTING OR ACIDIZING       CHANGE FLANS     (Other)     (Note: Export results of the second sec	NT FIGOT OF: REPAIRING WELL ALTERING CASING ABANDONMENT <sup>•</sup> of multiple completion on Well tion Report and Log form.) nchding estimated date of starting any depths for all markers and zones perti-
15 4- F2 P4 200	I 07765 DM 18-80 PEAF DN., 70881-94-96-98-71001-02-06. ACIDIMED W/ 300 ACID LOWER DK. W/ 63,851 GAL. VERSAGEL 406 X-LINE GAL & 25,00 DSS 650000, AVG. PRESS 57000, A.I.R 6 BPM. D_STAGE_DE	0∉ 20-40 SAND. HAX.
W/ 4-	22-80 PERF DK., 68821-87-91-97-69021-10-14-19-24-52-64-68-72 1000 GAL 15% N.E. ACID. 23-80 FLACID UPPER DK. W/ 109,000 GAL 70 QUALITY FOAM & 85,0 ESS. 35004, AVG. PRESS, 32004, A.L.? 25 BPM. 28-80 Upable to Retrieve 4-1/2" TP. Left BP in Weie at 7050	004 20-40 SAND. MAXX

4-28-80 Unable to Retrieve 4-1/2" TP. Left BP in Vole at 70501. Tan 6957.291 of 1-1/2" TFG. SET AT 6968.44.

	LEGIBLE	
18. I hereby certify that the foregoing is true and cor SIGNED	TITLE DE ILLING SUPT.	03-08-20
(This spice for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	NMOCC	ACOEPTED FOR RECORD MAY 29 1980
	*See Instructions on Reverse Side	BY

		MITCHELL 1-E TOPS	Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Pederal requirements. Consult local State or Federal office for specific instructions. Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such specific information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment should include such specific 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 scaled off by cement or otherwise; depths (top and bottom), and method of placement of cement pings; much 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 lop 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.	<b>General:</b> This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, or all lands in such State, performent to applicable <b>State law and regulations</b> , and, if approved or accepted by any State, or all lands in such State, performent to applicable <b>State law and regulations</b> , and, if approved or accepted by any State, or all lands in such State, performent to applicable <b>State law and regulations</b> . Any necessary special instructions concerning the use of this form and the number of copies to be submitted, performent to applicable <b>locat</b> , 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.
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E!I	ERGY MO MILLIPALS DEPARTMENT				Form C- Revised	104
			ATION DIVISIO	Л	NEVISEY	10-17/8
	S"HTA CP		OX 2088 W MEXICO 87501			
	- n e Z	5×11×12, 112	W MEXICO 87501	-		_1
	LAND OFFILE		_	30-0	45-23645	
	TRANSPORTER OIL		OR ALLOWABLE			
_	UPENATOR /	AUTHORIZATION TO TRAN		IRAL GAS		
I.	Crerolot					
	CONSOLIDATED OI	L & GAS INC.				
	P.O. BOX 2038	FARMITINGTON, NEW ME	XICO 87401	•		
	Reason(s) for filing (Check proper be		Other (Pleas	e explain)		
	New Well	Change in Transporter ol:				
	Recompletion Change in Ownership	Oil Dry C Casinghead Gas Cond	ensate			
	If change of ownership give name			•		
	and address of previous owner			u <u></u>		<u> </u>
п.	DESCRIPTION OF WELL AND	LEASE 1 198	0 10			
	Lesse Nome MITCHELL	Well No. Pool North Michael Michael		Kind of Lease State, <u>Federa</u>		Lease
	Location	Chi- INTA F		Lorder, Loderd	FED	SF078
	Unit Letter;;	58 Feet From The N SANTA F	ine and 1850	Feet From 1	The W	
	Line of Section 5 T	ownship 31N Range	12W , NMPN	. SAN JI	UAN	Cou
ш.	Name of Authorized Transporter of O	TER OF OIL AND NATURAL G.	AS Address (Give address	to which approv	ved copy of this form is	to be senti
	INLAND		5101 E.	MAIN FARM	MINGTON, NEW M	EXICO
	Name of Authorized Transporter of C EL PASU NAT L GAS	asinghead Gas 📄 or Dry Gas 🕅	Address (Give address	to which approv	ed copy of this form is	to be sent)
	If well produces oil or liquids,	Unit Sec. Twp. Rge.	P.O. BOX Is gas actually connect		MINGTON, NEW M	EXICO
	give location of tanks.	F 5 31N 12W				
īv	If this production is commingled w COMPLETION DATA	ith that from any other lease or pool,	, give commingling orde	r number:		
	Designate Type of Completi	ion - (X)	New Well Workover	Deepen	Plug Back   Same Re	s'v. Diff. F
	Date Spudded	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.	
	1-26-80	4-28-80	7150'		7119	
	Elevations (DF, RKB, RT, GR, etc.)		Top Oll/Gas Pay		Tubing Depth	
	5978 KB	DAKOTA	68821	<u></u>	6968 1 Depth Casing Shoe	
	6882' - 7106'					
			D CEMENTING RECOR	D	· · · · · · · · · · · · · · · · · · ·	
	HOLE SIZE		DEPTH S	<u></u>	SACKS CE	
	7-7/8	8-5/8 csg 4-1/2 csg	275		200 s	
	7-770	1-1/2  csg	<u>7150</u> 6968		550 s	x
					<u>ا</u> ــــــــــــــــــــــــــــــــــــ	
v.	TEST DATA AND REQUEST FOIL WELL		after recovery of total volu epth or be for full 24 hours		and must be equal to or	exceed top (
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flou		1. etc.) 87 1 IP	$\overline{\mathbf{N}}$
	Length of Test	Tubing Pressure	Casing Pressure		Let IVE	<u>}/</u>
					A Links Into a	
	Actual Pred. During Test	Oil-BEls.	Water-Bbls.		C. MAY 16 19	
l					OIL CON CO	<u>M.</u>
	GAS WELL				DIST. 3	
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMC		Gravity of Condenset	
	Testing Method (pitot, back pr.)	3 hrs. Tubing Presewe (Shut-in)	85 M Cosing Pressure (Ebut		Choke Size	. <u>.</u>
	/ pt. pres. test	860	1160	-	3/4	
ิต.	CERTIFICATE OF COMPLIAN	ICE	OIL C		ION DIVISION	
	I haveby cartify that the rules and	regulations of the Oil Conservation	APPROVED	JUN"	4 178U	. 19
	Division have been complied with			131	Charl.	
	above is true and complete to th	e best of my knowledge and benan.	BY	VISOR DISTRICT	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
	ſ					
	Veryl M	oor	11		ompliance with MUL able for a newly drill	
-	() (3147	hatwe)	well, this form must	be accompan	lied by a tabulation of Jance with RULE 11	of the devi
-	PROD . SUPT.	7. J )	All sections of	this form mus	it be filled out compl	
	5-12-80	ille)	able on new and re	completed we		
•		ale)	well name or numbe	, or transports	er, or other such chan;	ge of condi
		11-	Separate Forme	i C-104 must	be illed for each p	nool in mul
		×2.1				

(Rev. 5-68)		UNITED	STATES	SUBM	IT IN DUPLI	CATE•	1	Form app Budget Bu	roved. reau No. 42-R355.5.
	DEPART				R İstru	e other in actions on erse side)	E TRANK		N AND SERIAL NO.
	GI	EOLOGICA	L SURVE	Y ·	rev	erse side)	~SF 07		1 7
WELL CO	MPLETION C	DR RECOM	PLETION	REPORT	AND LC	)G *	6. IF INDIA	N, ALLOTT	EE OR TRIBE NAME
1a. TYPE OF WEI	LL: OII. WELL	GAS WELL	DRY	Other			7. UNIT AGE	REEMENT	NAME
L TYPE OF COM	PLETION:		DIFF.						·····
WELL I	OVER EN		CESVR.	Other			S. FARM OR		MC
2. NAME OF OPERA							9. WELL NO		
3. ADDRESS OF OPE	IDATED OIL &	GAS INC.					- 1-E		
<b>P.O.</b> B	OX 2038	FARMINGTO	DN. NEW ME	XICO 87	401		10. FIELD A	ND POOL,	OR WILDCAT
4. LOCATION OF WE	LL (Report location )	clearly and in ac	cordance with a	ny State requi	rements)*		1	N DAKO	
At surface	1758' FNL 1	850' FWL	SEC. 5 1	31N R12	W		11. BEC., T., OR AREA	R., Ш., OR	BLOCK AND SURVEY
At top prod. int	terval reported below						SEC.	5 <b>T</b> 3	1N R12W
At total depth								5 15	IN KIZN
			14. PERMIT NO	). I	DATE ISSUED		12. COUNTY PARISH SAN JI		13. STATE
15. DATE SPUDDED	16. DATE T.D. BEAC	BED   17. DATE	COMPL. (Ready	to prod.)	. ELEVATIONS (		<u> </u>	1	N.M.
1-26-80	2-15-80		28-80	18	5978 Selevations		RT, GR, ETC.)*		
20. TOTAL DEPTH, MD		ACK T.D., MD & TV	D 22. IF MU	LTIPLE COMPL.	,   23. INT	TERVALS	ROTARY TOO	DLB	CABLE TOOLS
י7150		י 19				→	. 1		
24. PRODUCING INTER	BVAL(S), OF THIS CO.	MPLETION-TOP,	BOTTOM, NAME	MD AND TVD)*	1				VAS DIRECTIONAL URVEY MADE
68821 -	7106 ' BAKOT	A					AFP)	N i	NO
	AND OTHER LOGS BUN					1. 1		27. 748	WELL CORED
IND/ GR	CNL/FDC					1 %	CAN VA		NO
28.			G RECORD (Re			2	0, 2,	2	
CABING BIZE 8-5/8 <sup>11</sup>	WEIGHT, LB./FT. 24;/	DEPTH SET		2-1/4	CE	200		-/-	MOUNT PULLED
4-1/2"	11.6#	71501	]	7-7/8		200	sx y -	$ \rightarrow   -$	none
	1 DV TOOL	1277'				300	N.		
<b>29</b> .		VER RECORD		1	30.	<u> </u>	TUBING REC		
812E	TOP (MD) BC	DTTOM (MD) 8	ACES CEMENT*	SCREEN (MI	$\frac{1-1}{1-1}$	72 -	DEPTH SET (M	(D) P/	ACKER SET (MD)
		CEIVE	1	·			0700		
31. PERFORATION REC	COBD (Interval, swe	•		32.	ACID. SHOT	, FRACI	URE, CEMEN	T SQUEE	ZE, ETC.
7000 - 7		JUN 1 0 138	U		ERVAL (MD)		IOUNT AND KIN		
7088' - 7			TTSICN.	7088-	/106	-			G. X-link
68821 - 69	9941 31L CC	SANTA FE	0111010	68821	-6994		25,000# G. acid.		00 G. 70 Q
_		SANTATA				-	n. 85,000		
33.*		ION METHOD (Flo		DUCTION	and drives and				
VALE FIRST FRODUCT.	PRODUCT	FLOW	wing, gus cijt, j	umpiny—eize	ana type of pu	mp)		status () t-in)	Producing or S.I.
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.	GAS-M	CF.	WATER-BBL	GAI	S-OIL RATIO
4-28-80	3 hrs.	3/4	TEST PERIOD		8	5			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-1		WATEB-	-BBL.	OIL GRAV	ITY-API (CORR.)
860 s.i. 34. DISPOSITION OF G	1160 s.i. As (Sold, used for fue	l, vented. etc.)	1A(	CEPTED P	er record		TEST WITNES	SED BY	
	NTED						S. WII		-
35. LIST OF ATTACH			·	TAY 29	1980				
36. I hereby certify	that the foregoing a	nd attached info	rmation is com	Dieta and man	ctona://Ptermin	ed from	all gyaflahla r	ecords	- 
/	la A M		DV						5 90
SIGNED	enge Ih	our	TITLE	TROD:	JUI [ •		DATE	s <u> </u>	-5-80
	*(See Ir	structions and	Spaces for A	Additional D	Data on Revo	erse Sid	e)		
	-		-	•-	1	_			
				NMOCC	7				

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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.), forma-tion and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35. All attachments

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. **Hem 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. **Hems 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 33: Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. 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 P SHOW ALL IM DEFTH INTERV	MARY OF POROUS ZONES: HIOW ALL INPORTARI ZONES OF POROSITY AND CONTENTS THEREOF; DEFTH INTERVAL TESTED, CUSHION USED, TIME TOOL OFEN, FLOWING	ROSITY AND CONTEN USED, TIME TOOL OF	CORED INTERVALS; AND ALL DAILL-STEM TESTS, INCLUDING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLOGIC MARKERS	ίδ.
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP
-				NANS MEAS. DEPTH	TEUE VERT. DEPTH
₽.C.	2074 1				
M.V. DK.	3916 r 6880 r				
: 			• •••• <b>••</b> ••		
	¢ · L				

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238

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

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Ty	e Test										Test Date	3	1	
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Con	npαny			··················		Connuc	tion			I			+	<u> </u>
	onsolida	ated (	)il &	Gas Ind	c.									
Poc						Formati	ion						Unit	
	Basin	1				D	ako							
Con	npletion Dat	e		Total Depth			F	lug Back	TD		llevition		Farm o	r Lease (
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1		Wt.		,d		AL		erloratio					Well No	>.
4	500	11.6 Wi.		4.000	Set	7150		rom	6882	To	710	6	Unit	E Sec.
	900	2.75		1.610		6968	1.	'rom		Тс	<b>&gt;</b>		F	5
		1		- G.G. or G					Packer S	et Åt			County	
Si	ngle												San	Juan
F'ro	ducing Thru		Reserv	oir Temp. •1	F	Mean Ann	uai T	emp. •F	Baro, Pre		Pa		State	
	Tubing			6									Ne	w Mex:
	L	н		Gg		% CO 2		% N 2		% H <sub>2</sub> \$	F	lovet	Meter	Run
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<u> </u>	Frover			OW DAT	A						DATA		ASING	
<b>NO</b> .	Line	x	Orifice Size	Press. p.s.i.q.		Diff. hw		Temp. •F	Pres. p.s.i.		Temp.	Pre p.s.		Temp • F
SI	0176					·			860		<u>}</u>	116		
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4.														
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F <sub>c</sub>	1172		13735			<u> </u>		Pc <sup>2</sup>	~	1.2	416	<u>"Г</u>	₽e <sup>2</sup>	]" _
	t <sup>2</sup>	Pv		Pw <sup>2</sup>		$-R_w^2$ (	··	$p_2^2 = p_2^2$	= _			(2)	Per PZ	51 -
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				801									CCN.	COM.
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Hem	arks:			·····								<u> </u>		
					*					<u> </u>			<b>have ge</b> r ger er fer	
Appr	oved By Co	mmission		Conduc	ted By	:			Calcylated	By:		1	Checked	By:
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						كشتة فعطاسم			·			_احرب مند به محمد		

DEPA	ARTMENT OF THE INT GFOLOGICAL SURVE	•	re 5. LEASE DESIGNATION AN SF 07571-7
	VOTICES AN / REPOR proposals to drill or to deepen or PPLICATION FOR PERMIT-" for	TS ON WELLS	G. IF INDIAN, ALLOTTIE G
	ITE B		7. UNIT AGEEEMENT NAME
2. NAME OF OFFICATOR (CNSOLIDATED OIL & 3. ADDAESS OF OPERATOR			8. FARM OR LEASE NAME MITCHELL 9. WELL NO.
P.O. BOX 2038 4. LOCATION OF WELL (Report loca See also space 17 below.)	FARMINGTON, NEW MEXI		1 - E 10. FIELD AND POOL, OR W
At surface . 17561 FNL 18501	FWL SEC. 5 TBÍN	21 2W	BASIN DAKOTA 11. SEC., T., E., M., OF PLK. SURVET OF APEA SEC 5 T3IN
14. PERMIT NO.	15. ELEVATIONS (Show whether		12. COUNTY OF PARISH 15
	5978.1		SAN JUAN IN
	k Appropriate Box To Indićć INTENTION TO:	Report, o	r Other Data sequent report of:
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE DEPAIR WELL (Other) 17. DESCRIPT PROPOSED OR COMPLETE	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON® CHANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report resi	REFAIRING WELL <u>XX</u> ALTERING CASING ABANDONMENT <sup>•</sup> alits of multiple completion on V inplation Report and Log form.) tes, including estimated date of
FRACID LOWER DK. W		-C2-C6. ACIDIZED W/ EL 400 X-LINK GEL & 25 .R 6 BPM.	
2ND STAGE DK			
W/ 1000 GAL 15% N. 4-23-80 F.AC'D UP PRESS. 3500%, AVG.	E. ACID. PER DK. W/ 109,000 GA PRESS,-3200#, A.I.R. Retrieve 4-1/2" BP.	-10-14-19-24-52-64-68 AL 70 QUALITY FOAM & 8 25 BPM. Left BP in Hole at 7	5,000# 20-40 SAND.
18. I hereby certify that the forego	ing is true and correct	GIBLE	MAY \$ 1980 OIL CON COM. DIST. 3
SIGNED (This spice for Federal or Stat		DEILLING SUPT.	DATE 4-3(-8()
APPROVED BY CONDITIONS OF APPROVAL,	TITLE _		DATE

\*See Instructions on Reverse Side

Form 9–331 Dec. 1973	Form Approved. Budget Bureau No. 42–R1.
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAL SURVEY	G. IT INDIAN, ALLUTA CE UR IRIDE 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 Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NAME
	8. FARM OR LEASE NAME A SHE
I. OII gas well well XX other	9. WELL NO.
2. NAME OF OPERATOR CONSOLIDATED OIL AND GAS INC.	1-E 10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	BASIN DAKOTA
1860 LINCOLN STREET, DENVER, COLORADO	11. SEC., T., R., M., OR BLK. AND SURVEY
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	AREA DE REALES
AT SURFACE: 1758' FNL - 1850' FWL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: SEC 5 T31N R12W AT TOTAL DEPTH:	SAN JUAN 373 NEW MEXI
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND W
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	5978 KB
FRACTURE TREAT	
SHOOT OR ACIDIZE	
REPAIR WELL I III PULL OR ALTER CASING	(NOTE: Report results of multiple completion or zo 50 ME charge on Form 9-330.) N. M.
MULTIPLE COMPLETE	N. M.
ABANDON+	· · · · · · · · · · · · · · · · · · ·
(other)	은 물고공원 문 철부소로 이 첫만구종 공 한민국
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen	rectionally drilled, give subsurface locations a to this work.)*
1-25-80 Drill 280' 12½ hole. Ran shoe and 6 cemented w/ 300 sacks class B w/ 2% good ret	JIS. 8-578 247 R+55 SIU csg. ar turns cir. 55 sacks to surface
plug down 10:00pm 1-25-80	
2 12 90 Devil 7 7/9 hold by 71501 Dev C 11	
2-13-80 Drill 7-7/8 hole to 7150'. Ran Schlu	Imperger 115 & Density Neutron
2-14-80 Ran 180 jts 4½ 11.6# K-55 STC csg. to	7150' w/stage collar @ 1266'
cement 1st stage w/250 sacks 50/50 poz 2% gel stage w/250 sacks 65/35 poz & 50 sacks 50/50 p	2 celloflake. Cemented second
down 6:00pm 2-14-80. Did not cir. cement to s	surface. Ran temp. survey.
Cement 300' from surface.	
	ALLE TEL
	223 2 Ind 2398
Subsurface Safety Valve: Manu. and Type	Ser Spr Quinter CON
18. I hereby certify that the foregoing is true and correct	
SIGNED Production SI	upt. DATE 2-19-80
(This space for Federal or State office	e use)
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	FEB 29 1980
NMOC <b>C</b> r	
*See Instructions on Reverse Si	ide BY Markingten District

• • • •	Form 9-331 C (May 1963)	DEPARTMENT	SUBMIT IN TRIPLICAT (Other instructions on reverse side) T OF THE INTERIOR GICAL SURVEY				E. Form approv Budget Bures 30 - D75_ 5. LEASE DESIGNATION NM 019413				
		N FOR PERMIT			R PILIG B	ACK	6. IF INDIAN, ALLOTTE				
:	1a. TTPE OF WORK DR				7. UNIT AGREEMENT N						
3	WELL W 2. NAME OF OPERATOR	AS OTHER		SINGLE	Multip: Zon <b>e</b>		8. FARM OR LEASE NA. Mitchell 9. WELL NO.				
ā	Consolidated O 3. ADDRESS OF OPERATOR	il & Gas, Inc.		·····			1-E				
F	1860 Lincoln Street, Denver, Colorado 80295 4. LOCATION OF WELL (Beport 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										
ī	4. DISTANCE IN MILES	AND DIRECTION FROM NEAR	LEST TOWN OR POST	PFICE*			Sec 5, T31N, 12. COUNTY OF PARISH				
-			3.8 miles We								
-	15. DISTANCE FROM PROPULICATION TO NEAREST PROPERTY OR LEASE I (Also to nearest drig (S. DISTANCE FROM PROP TO NEAREST WELL, D	LINE, FT. 3. unit line, if any) OSED LOCATION*		16. NO. OF ACEES IN LEASE 320.00 19. proposed depth		17. NO. OF ACRES ASSIGNED TO THIS WELL W/3/8.36 -320.00 20. BOTABY OF CABLE TOOLS					
-	OR APPLIED FOR, ON THE	IS LEASE, FT.	2/00	7070'	7070'		Rotary				
2	21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5966' CR						22. appens. date wor July 1, 1979				
2	3.	м	<u>Ully 1, 1779</u>								
-	SIZE OF HOLE	HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH			QUANTITY OF CEMEN						
	12-1/4"	8-5/8" 4-1/2"	24.0#		50'	200 sx - circl'd t					
-	7-7/8''		10.5#	7070'		<u>300 sx</u>					
	1. Drill 12-1, 2. WOC 12 hrs	4" hole to 250	. Run and s	set <sup> </sup> 8-5/8'	' casing	Circ	cement to surf				
	3. Install blo	wout preventer.	Pressure t	est surfa	nce casino	and R	DP's to 1000#				
	4. Drill 7-7/8	3" hole to <u>+</u> 707	70' w/fresh v	vater gel	mud. Log	2.					
-	5. Run and set	= 4-1/2" product	ion casing a	and cement	:same w/a	approxim	mately 300 sx.				
6	5. Selectively and regulat	v perforate and tions.	stimulate Da	akota form	nation and	l comple	ete per applie				
	The W/2 of sales contr	Section 5 is de act.	dicated to t	this well	and the a	acreage	is committed.				
			۳ - تعدی انگانی								
zo		PROPOSED PROGRAM : If p. Irill or deepen directional									
20	SIGNED	Harlan	TITLE	Senior Pr	oduction	Engine	er June				
=	(This space for Feder	ral or State office use)		<u></u>			VEPT				
	PERMIT NO.	·····	<u> </u>	_ APPROVAL I		and the second					
	APPROVED BY CONDITIONS OF APPROVA OK Frank	AL, DF ANY :	TITLE	IMOCC		ENDERING	GICAL SURVEY				

## . MEXICO OIL CONSERVATION COMMIS WELL LOCATION AND ACREAGE DEDICATION PLAT

		All distances	nust be from the	outer boundaries of	the Section.	
Cpersiter			Lease			
Unit Letter	ATED OIL AN. ISection	D GAS. IN(		MITCHELL	County	
F	5	1	1	12 WEST	County	SAN .
Actual Footage Loa		31 NOR		12 #201	<u> </u>	
1758		ORTH	ine and 18	350 feet	t from the	WEST
Ground Level Elev.		and the second	Poci			
5966	Dako	ota		Basin Dak	ota	
1. Outline th	le acreage dedica	ated to the sub	ject well by	colored pencil of	r hachure m	
interest ar 3. If more tha	nan one lease is nd royalty). an one lease of d	lifferent owners	hip is dedica	ted to the well, l		·
dated by c	communitization. 1		• •			
X Yes	No If a	nswer is "yes."	type of cons	olidation <u>Com</u>	mnitizat	tion
this form if No allowab	is "no." list the f necessary.) ble will be assign ling, or otherwise)	ed to the well u	ntil all intere	sts have been c	onsolidated	H (by comm
<b></b>				i	<u>r</u>	
						l hereby cer tained herei best of my k
						- AA I
	, ·	-Mitchell	 1E			C. M. Part Pesition Senior Pro Compony Consolida
	,	-Mitchell				C. M. Pari Pesition Senior Pr Compony
	,' <u> </u>	-Mitchell 5	 1E			C. M. Pari Pesition Senior Pr Compony Consolida Date
		-Mitchell	 1E			Consolida Consolida Cate
		-Mitche 11				C. M. Pari Pesition Senior Pr Compony Consolida Date
		-Mitchell No.				C. M. Par Pesition Senior Pr Company Consolida Date

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