



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

December 3, 2001

**Markwest Resources, Inc.**  
c/o Permits West, Inc.  
37 Verano Loop  
Santa Fe, New Mexico 87505  
Attention: **Brian Wood**  
[brian@permitswest.com](mailto:brian@permitswest.com)

*Administrative Order NSL-4671*

Dear Mr. Wood:

Reference is made to the following: (i) your application on behalf of the operator, Markwest Resources, Inc. ("Markwest") that was submitted to the New Mexico Oil Conservation Division ("Division") on November 13, 2001 (*Division application reference No. pKRV0-131857228*); and (ii) the Division's records in Aztec and Santa Fe, including the files on Division Administrative Orders NSL-2986 and NSL-2986-A: all concerning Markwest's request for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987-B, dated June 30, 2000, as amended by Division Order No. R-10987-B (1), dated August 10, 2000. The E/2 of Section 23, Township 27 North, Range 11 West, NMPM, San Juan County, New Mexico is to be dedicated to Markwest's proposed well in order to form a standard 320-acre stand-up gas spacing and proration unit for the Basin-Dakota Pool (71629).

The application has been duly filed under the provisions of Division Rules 104.F and 605.B.

By the authority granted me under the provisions of Division Rule 104.F (2), the following described well to be drilled at an unorthodox gas well location in Section 23 is hereby approved:

**Scott Federal "23" Well No. 1**  
**1645' FNL & 360' FEL (Unit H).**

Further, the aforementioned well and spacing unit will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

Lori Wrotenbery  
Director

LW/MES/kv

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



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**BETTY RIVERA**

Cabinet Secretary

December 23, 2002

**Lori Wrotenbery**

Director

Oil Conservation Division

**Markwest Resources, Inc.  
c/o Permits West, Inc.  
37 Verano Loop  
Santa Fe, New Mexico 87505  
Attention: Brian Wood  
brian@permitswest.com**

*Administrative Order NSL-4671-A (SD)*

Dear Mr. Wood:

Reference is made to the following: (i) your application on behalf of the operator, MarkWest Resources, Inc. ("MarkWest"), submitted to the New Mexico Oil Conservation Division ("Division") on December 2, 2002 (*Division application reference No. pKRV0-233730891*); and (ii) the Division's records in Aztec and Santa Fe: all concerning MarkWest's request for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987-B, issued in Case No. 12290 and dated June 30, 2000, as amended by Division Orders No. R-10987-B (1), dated August 10, 2000, and R-10987-B (2), dated January 29, 2002, for a non-standard infill gas well location within an existing standard 320-acre stand-up gas spacing and proration unit for the Basin-Dakota Pool (71599) comprising the E/2 of Section 23, Township 27 North, Range 11 West, NMPM, San Juan County, New Mexico.

This unit is currently dedicated to MarkWest's Scott Federal "23-27-11" Well No. 1 (API No. 30-045-30892), located at an unorthodox gas well location (approved by Division Administrative Order NSL-4671, dated December 3, 2001) 1645 feet from the North line and 360 feet from the East line (Unit H) of Section 23.

The application has been duly filed under the provisions of Division Rules 104.F and 605.B.

By the authority granted me under the provisions of Division Rule 104.F (2), the following described well to be drilled at an unorthodox infill gas well location in Section 23 is hereby approved:

**Scott Federal Well No. 233  
285' FSL & 1370' FEL (Unit O).**

Further, the aforementioned Scott Federal "23-27-11" Well No. 1 and Scott Federal Well No. 233 and existing Dakota gas spacing and proration unit will be subject to all existing rules, regulations,

Administrative Order NSL-4671-A(SD)

Markwest Resources, Inc.

December 23, 2002

Page 2

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policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery / MES".

Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division – Aztec  
U. S. Bureau of Land Management – Farmington  
File: NSL-4671 /

CMD : ONGARD 03/08/04 14:58:55  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQGW

API Well No : 30 45 30892 Eff Date : 02-04-2004 WC Status : A  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 167067 XTO ENERGY, INC.  
Prop Idn : 32629 SCOTT FEDERAL 27 11 23

Well No : 001  
GL Elevation: 6133

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: H	23	27N	11W	FTG 1645 F N FTG	360 F E	P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : F

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

E6317: No more recs. for this api well no.

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

CMD : ONGARD 03/08/04 14:59:00  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TQGW

Page No : 1

API Well No : 30 45 30892 Eff Date : 02-04-2004  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
Prop Idn : 32629 SCOTT FEDERAL 27 11 23 Well No : 001  
Spacing Unit : 58423 OCD Order : Simultaneous Dedication:  
Sect/Twp/Rng : 23 27N 11W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		23	27N	11W	40.00	N	FD		
	B		23	27N	11W	40.00	N	FD		
	C		23	27N	11W	40.00	N	FD		
	D		23	27N	11W	40.00	N	FD		
	E		23	27N	11W	40.00	N	FD		
	F		23	27N	11W	40.00	N	FD		
	G		23	27N	11W	40.00	N	FD		
	H		23	27N	11W	40.00	N	FD		

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

CMD : ONGARD 03/08/04 14:59:11  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQGW  
Page No: 1

OGRID Identifier : 167067 XTO ENERGY, INC.  
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)  
API Well No : 30 45 30892 Report Period - From : 01 2000 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 30892	SCOTT FEDERAL 27 11	07 03 31	4728 29	F
30 45 30892	SCOTT FEDERAL 27 11	08 03 31	4229 38	F
30 45 30892	SCOTT FEDERAL 27 11	09 03 30	3525 32 60	F
30 45 30892	SCOTT FEDERAL 27 11	10 03 31	4372 8 40	F
30 45 30892	SCOTT FEDERAL 27 11	11 03 30	1922 16	F
30 45 30892	SCOTT FEDERAL 27 11	12 03 31	3555 15 43	F

Reporting Period Total (Gas, Oil) : 22331 100 181

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 03/08/04 14:59:14  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQGW  
Page No: 1

OGRID Identifier : 167067 XTO ENERGY, INC.  
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)  
API Well No : 30 45 30892 Report Period - From : 01 2000 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 30892	SCOTT FEDERAL 27 11	07 03 31	4728 29	F
30 45 30892	SCOTT FEDERAL 27 11	08 03 31	4229 38	F
30 45 30892	SCOTT FEDERAL 27 11	09 03 30	3525 32 60	F
30 45 30892	SCOTT FEDERAL 27 11	10 03 31	4372 8 40	F
30 45 30892	SCOTT FEDERAL 27 11	11 03 30	1922 16	F
30 45 30892	SCOTT FEDERAL 27 11	12 03 31	3555 15 43	F

Reporting Period Total (Gas, Oil) : 22331 100 181

M0001: This is the last page

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
**NMSF-078089**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**  
*29140*

8. FARM OR LEASE NAME WELL NO.  
**Scott Fed. 27-11-23#1**

9. API WELL NO.  
**30-CAS 30892**

10. FIELD AND FOOT OR BLOCK  
**Basin Dakota**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
DRILL  DEEPEN

1b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER   
SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**MarkWest Resources, Inc. (303) 290-8700**

3. ADDRESS AND TELEPHONE NO.  
**155 Inverness Dr. W, Suite 200, Englewood, Co. 80112**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface: **1645' FNL & 360' FEL**  
At proposed prod. zone: **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**10 air miles SSE of Bloomfield**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
**1,645'**

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**39'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6,133' ungraded**

11. SEC., T., B., M., OR BLK AND SURVEY OR AREA  
**23-27n-11w NMPM**

12. COUNTY OR PARISH 13. STATE  
**San Juan NM**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**320**

20. ROTARY OR CABLE TOOLS  
**Rotary**

22. APPROX. DATE WORK WILL START\*  
**Dec. 1, 2001**

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55 8-5/8"	24	320 <del>160</del>	≈ 176 cu. ft. & to surface
7-7/8"	N-80 4-1/2"	11.6	6,470'	≈ 2,046 cu. ft. & to surface

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

On sited with Bill Liese. Archaeology consultant: CASA

Only other well in quarter-quarter is a MarkWest well.

Will apply for NSL (due to terrain) from OCD.

cc: BLM, OCD (via BLM), Pippin, Stowe

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

24. SIGNED *[Signature]* TITLE **Consultant (505) 466-8120** DATE **10-28-01**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE **12/17/01**

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *[Signature]* TITLE **AFM** DATE **12/17/01**

See Instructions On Reverse Side

MOC

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

DISTRICT II  
811 South First, Artesia, N.M. 88210

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

AMENDED REPORT

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30892		*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 29140	*Property Name SCOTT FEDERAL 27-11-23		*Well Number #23-1
*OGRID No. 193195	*Operator Name MARKWEST RESOURCES, INC.		*Elevation 6133'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	23	27-N	11-W		1645'	NORTH	360'	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

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

\*Dedicated Acres: 3.26      \*Joint or Infill:      \*Consolidation Code:      \*Order No.: NSL 4671

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>16 CALC'D SEC. CORNER</p> <p>N 00-01 W 20 LINKS</p> <p>WITNESS CORNER FD 2 1/2" BC G.L.O. 1913</p> <p>DEC 2001</p>	S 89-52-00 W	5297.48'	SEC. CORNER FD 2 1/2" BC G.L.O. 1913	1645'	<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>Brian Wood</i></p> <p>Signature</p> <p>Printed Name BRIAN WOOD</p> <p>Title CONSULTANT</p> <p>Date OCT. 28, 2001</p>
			LAT. 36°33.8'N LONG. 107°57.9'W	964' 321' 360'	
		23		1003'	
				2848.36'	
					<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>7-11-01</p> <p>Date of Survey</p> <p><i>[Signature]</i></p> <p>Signature and Seal of Professional Surveyor</p> <p>ROSA RUSH NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894</p> <p>Certificate Number</p>

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

3. Lease Designation and Serial No.  
NMSF-078089

6. If Indian, Allottee or Tribe Name  
na

7. If Unit or CA, Agreement Designation  
NA

8. Well Name and No.  
Scott Fed. 27-11 23-1

9. API Well No. 9  
30-045-30842

10. Field and Pool, or Exploratory Area  
Basin Dakota

11. County or Parish, State  
San Juan, NM

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Markwest Resources, Inc. 155 Inverness Drive #200

3. Address and Telephone No.  
Englewood Colorado 80112 303-925-9283

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1645' FNL & 360' FEL Sec. 23-27N-11W

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Status
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion in 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 directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1-23-02 Spudded well @ 1:00 PM, drilled to TD w/ 12-1/4" Bit. Ran 8-5/8", 23#, J-55 csg @ 378'. Cmt w/ 260 sx class "B" cmt, 2% CACL2, & w/4# Celo Flake/sx circ. 14 bbls to surf. Csg to 500 PSI.

RECEIVED  
 2002 FEB 22 PM 12:16  
 070 FARMINGTON, NM

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

Signed Cathy Bush Title Operator Representative Date 2-7-02

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any:

ACCEPTED FOR RECORD

FEB 26 2002

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.

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:  
Mark West Resources

3. Address & Phone No. of Operator:  
155 Innverness Dr. West, Englewood, CO 80112-5000  
800-730-8388

4. Location of Well, Footage, Sec, T, R, M:  
1645' FNL & 360' FEL  
Sec. 23, T-27-N, R-11-W, NMPM

5. Lease Number:  
NMSF-078089

6. If Indian, All. or  
Tribe Name:

7. Unit Agreement Name:

8. Well Name & Number:  
SCOTT FED. 27-11 #23-1

9. API Well No.: *CF*  
30-045-30842

10. Field and Pool:  
BASIN DAKOTA

11. County and State:  
San Juan County, New Mexico

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 (Set 4-1/2" Csg)
- Change of Plans
- New Construction:
- Non-Routine Fracing
- Water Shut Off
- Conversion to Injection

13. Describe Proposed or Completed Operations:

1/23/02: Finished drilling 7-7/8" hole to TD 6496'. Ran 4-1/2", 11.6#, N-80 csg, & set @ 6496' w/float collar @ 6478'. Pumped 70 bbls foamed mud, 10 bbls foamed water spacer, 20 bbls foamed superflusn, 10 bbls foamed water, 1088 sx foamed cmt w/HES foamed super "H" cmt w/22# blended silicalite, 0.1% Diacel LWL, & 0.15% Versaset (used 120,000 cf N2), mixed base slurry @ 13#/gal & 1.57 cf/sx & foamed to 8.5#/gal & 2.70 cf/sx. Compressive strength of the foamed cmt is 1150 psi @ 48 hrs. Tail w/132 sx super "H" cmt w/22# blended silicalite, 0.1% Diacel LWL, & 0.15% versaset (without N2). 13#/gal & 1.57 cf/sx. Circ. 60 bbls foamed cmt through choke. WOC

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

Signed: *Paul M. Lippin* Title: Petroleum Engineer

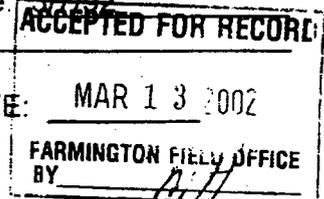
Date: 3/7/02

(This space for Federal or State office use)

APPROVED BY: \_\_\_\_\_ Title: \_\_\_\_\_

DATE: MAR 13 2002

CONDITION OF APPROVAL, IF ANY:



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Reformatted July 20, 2001

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address MARK WEST RESOURCES 155 INNVERNESS DRIVE WEST, SUITE 200 ENGLEWOOD, CO 80112		<sup>2</sup> OGRID Number 193195
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> ADE Number 30 - 045-30892	<sup>5</sup> Pool Name BASIN DAKOTA	<sup>6</sup> Pool Code 71599
<sup>7</sup> Property Code	<sup>8</sup> Property Name SCOTT FED. 27-11 93	<sup>9</sup> Well Number #23-1

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

<sup>11</sup> UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1645'	North/South	Feet from the 360'	East/West line	County
H	23	27N	11W		1645'	NORHT	360'	EAST	SAN JAUN

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Filing Code F	<sup>13</sup> Reasoning Code F	<sup>14</sup> Case	<sup>15</sup> C 170 Permit Number	<sup>16</sup> C 170 Effective Date	<sup>17</sup> C 170 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
	MARK WEST RESOURCES 155 INNVERNESS DR. WEST ENGLEWOOD, CO 80112	2831548	G	
009018	GIANT REFINING CO. P.O. BOX 12999 SCOTTSDALE, AZ 85267	2831548	O	

**IV. Produced Water**

<sup>23</sup> POD 2831548	<sup>24</sup> POD ULSTR Location and Description
------------------------------	--

**V. Well Completion Data**

<sup>25</sup> Start Date 1/23/02	<sup>26</sup> Ready Date 3/8/02	<sup>27</sup> TD 6496'	<sup>28</sup> PRTD 6478'	<sup>29</sup> Perforations 6310'-6464'	<sup>30</sup> NUC MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set		<sup>34</sup> Sacks Cement	
12-1/4"	8-5/8" 23# J-55	378'		260	
7-7/8"	4-1/2" 11.6# N-80	6496'		1220	
	2-3/8" 4.7# J-55	6367'		N/A	

**VI. Well Test Data**

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

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Paul M. Pippin*

Printed name: PAUL M. PIPPIN  
505 327 4573

Title: PETROLEUM ENGINEER

Date: 3/8/02 Phone: 505-327-4573

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

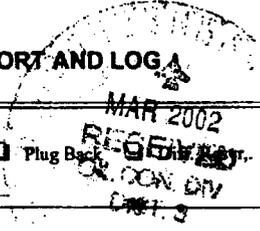
Title: *[Signature]*

Approval Date: MAI 15 2002

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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



1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Other

5. Lease Serial No.  
**NMSF-078089**  
 6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.

2. Name of Operator  
**MARK WEST RESOURCES**

8. Lease Name and Well No. #  
**SCOTT FED. 27-11 # 23-1**

3. Address **155 INVERNESS DR. WEST ENGLEWOOD, CO 80112**  
 3a. Phone No. (include area code) **800 730-8388**

9. API Well No.  
**30-045-30892**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **1645' FNL + 360' FEL**  
 At top prod. interval reported below **SAME**  
 At total depth **SAME**

10. Field and Pool, or Exploratory  
**BASIN DAKOTA**

11. Sec., T., R., M., on Block and Survey or Area **23-27N-11W**

12. County or Parish **SAN JUAN** 13. State **NM**

14. Date Spudded **1-23-02** 15. Date T.D. Reached **2-3-02** 16. Date Completed  D & A  Ready to Prod. **3-8-02**

17. Elevations (DF, RKB, RT, GL)\*  
**6133' GL**  
**6145' KB**

18. Total Depth: MD **6496'** TVD **6496'** 19. Plug Back T.D.: MD **6465'** TVD **6465'** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**IND/GR, DENSITY/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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	870 J-55	23#	0	378'	-	260	55	SURFACE	0
7 7/8"	4 1/2" N-80	11.6#	0	6496'	-	1088 W/N2 TAIL 132	525 37	SURFACE (CIRC. 60 BBLs CMT)	0

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 3/8"	6367'	-						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	6306'	6500'	6310'-6464'	0.30	28	OPEN
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	6306'	6500'	6310'-6464'	0.30	28	OPEN

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

Depth Interval	Amount and Type of Material
6310' - 6464'	1000 GAL 15% HCL ACID + 70 PERF BALLS FRAC W/ 72,000# SUPER LC 20/40 SAND IN 70 QUALITY N2 FORM

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					WAITING ON PIPELINE	

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD  
 MAR 13 2002  
 FARMINGTON FIELD OFFICE  
 BY *[Signature]*

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

K5123

SCOTT FED 27-11 23-1 DK # H 23 27 11

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.)

WILL BE 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
OJO ALAMO	740'	856'	SAND WATER		
KIRTLAND	856'	1505'	SHALE	KIRTLAND	856'
FRUITLAND	1505'	1837'	SAND, COAL, GAS		
PICTURED CLIFFS	1837'	2046'	SAND, GAS	PICTURED CLIFFS	1837'
MESA VERDE	3524'	4622'	SAND, WATER		
GALLUP	5376'	6015'	SAND,	GALLUP	5376'
DAKOTA	6306'		SAND, GAS	DAKOTA	6306'

32. Additional remarks (include plugging procedure):

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)\*

Name (please print) PAUL M. PIPPIN Title PETROLEUM ENGINEER  
 Signature *Paul M. Pippin* Date 3/11/02

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.

505 327 4573

ACCEPTED FOR RECORD  
 MAR 13 2002  
 FARMINGTON FIELD OFFICE  
 BY *[Signature]*

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 side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF-078089
2. Name of Operator MARKWEST RESOURCES, INC		6. If Indian, Allottee or Tribe Name
3a. Address 155 INVERNESS DRIVE WEST, SUITE 200 ENGLEWOOD, CO 80112		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 303.925.9283 Fx: 303.290.9309		8. Well Name and No. SCOTT FED 27-11 #23-1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T27N R11W SENE 1645FNL 360FEL		9. API Well No. 30-045-30892
		10. Field and Pool, or Exploratory BASIN DAKOTA
		11. County or Parish, and State SAN JUAN COUNTY, 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 type="checkbox"/> Rcomplete	<input checked="" 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 rcomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Previous Sundry Notices were sent in with the incorrect API # 30-045-30842.

Please correct all your records to reflect the "Correct API #30-045-30892".

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #11850 verified by the BLM Well Information System For MARKWEST RESOURCES, INC, sent to the Farmington Committed to AFMSS for processing by Matthew Halbert on 06/18/2002 ()</b>	
Name (Printed/Typed) CINDY BUSH	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/07/2002

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 FARMINGTON FIELD OFFICE		BY _____

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

REC-1

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-104A  
August 11, 2000

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit 1 copy of the final affected wells  
list along with 2 copies of this form per  
number of wells on that list to  
appropriate District Office

**Change of Operator**

Previous Operator Information:

OGRID: 193195  
Name: MarkWest Resources, Inc.  
Address: 155 Inverness Drive West  
Address: Suite 200  
City, State, Zip: Denver, Co 80112-5000

New Operator Information:

Effective Date: July 1, 2003  
New Ogrid: 167067  
New Name: XTO Energy Inc.  
Address: 2700 Farmington Avenue  
Address: Suite 1, Bldg. K  
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator  
Signature: Edwin S. Ryan, Jr.  
Printed name: EDWIN S. RYAN, JR.  
Title: XTO ENERGY INC.  
Date: 6-30-03 Phone: 505-564-6700



Previous operator complete below:

Previous Operator: MarkWest Resources, Inc.  
Previous OGRID: 193195  
Signature: F. J. Witsell  
Printed Name: Fred Witsell

<b>NMOCD Approval</b>	
Signature:	<u>[Signature]</u>
Printed Name:	<u>SUPERVISOR DISTRICT #3</u>
District:	<u>JUL 14 2003</u>
Date:	

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410

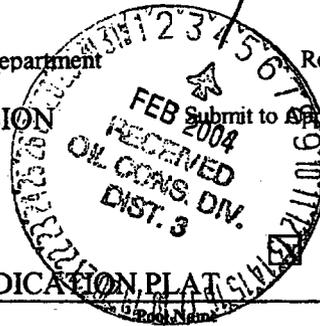
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000



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

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-045-30892</b>		<sup>2</sup> Pool Code <b>71599</b>		<b>BASIN DAKOTA</b>	
<sup>4</sup> Property Code		<sup>3</sup> Property Name <b>SCOTT FEDERAL 27-11-23</b>			<sup>6</sup> Well Number <b>201</b>
<sup>7</sup> OGRID No. <b>167067</b>		<sup>8</sup> Operator Name <b>XTO ENERGY INC.</b>			<sup>9</sup> Elevation <b>6133' GR</b>

<sup>10</sup> Surface Location

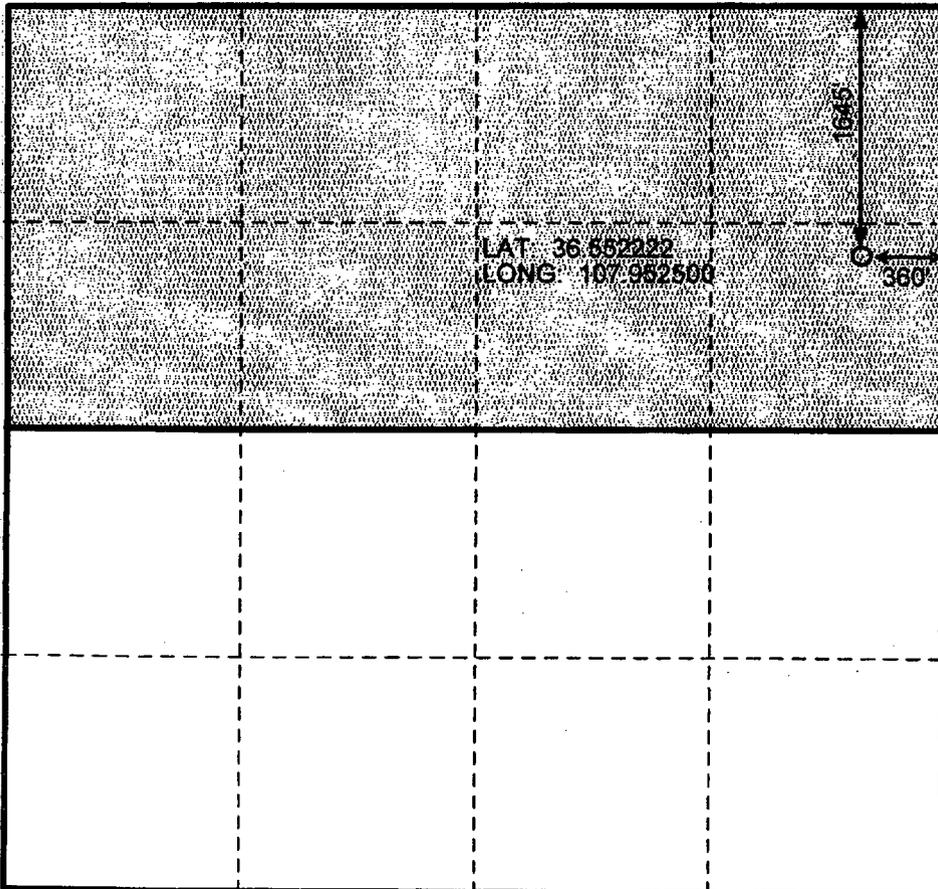
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	23	27N	11W		1645	NORTH	360	EAST	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acreage <b>NW/4 144.79</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



**OPERATOR CERTIFICATION**

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

*Holly C. Perkins*  
Signature

**HOLLY C. PERKINS**  
Printed Name

**REGULATORY SPECIALIST**  
Title

**FEBRUARY 2, 2004**  
Date

**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.*

**JULY 11, 2001**  
Date of Survey

Signature and Seal of Professional Surveyor:  
**Original Signed by Roy A. Rush**

**8894**  
Certificate Number

CMD : ONGARD 03/08/04 15:01:09  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQGW

OGRID Idn : 193195 API Well No: 30 45 31194 APD Status(A/C/P): C  
Opr Name, Addr: MARKWEST RESOURCES INC Aprvl/Cncl Date : 06-26-2003  
155 INVERNESS DRIVE WEST  
SUITE 200  
ENGLEWOOD, CO 80112-5004

Prop Idn: 29140 SCOTT FEDERAL 27 11 23 Well No: 233

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
Surface Locn	: 0	23	27N	11W			FTG 285 F S	FTG 1370 F E
OCD U/L	: 0		API County	: 45				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : R  
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 6440

State Lease No: Multiple Comp (S/M/C) : S  
Prpsd Depth : 6775 Prpsd Frmtn : ~~BASIN DAKOTA (ABAND LOC 6-26-03)~~

E6927: Well is cancelled

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 PF08 PF09 PRINT PF10 C102 PF11 HISTORY PF12

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL OR REENTER

2002 SEP -3 PM 3:00

5. Lease Serial No. **NMSF-078089**

6. If Indian, Allottee or Tribe Name **N/A**

7. If Unit or CA Agreement, Name and No. **N/A**

8. Lease Name and Well No. **SCOTT FEDERAL #233**

9. API Well No. **30-045-31194**

10. Field and Pool, or Exploratory **BASIN DAKOTA**

11. Sec., T., R., M., or Blk. and Survey or Area **023-27n-11w NMPM**

12. County or Parish **SAN JUAN**

13. State **NM**

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator **MARKWEST RESOURCES, INC.**

3a. Address **155 INVERNESS DR., SUITE 200  
ENGLEWOOD, CO. 80112**

3b. Phone No. (include area code) **(303) 290-8700**

4. Location of Well (Report location clearly and in accordance with any State requirements)

At surface **285' FSL & 1370' FEL**

At proposed prod. zone **SAME**

14. Distance in miles and direction from nearest town or post office\* **11 AIR MILES S OF BLOOMFIELD**

5. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **285'**

16. No. of Acres in lease **2,500**

17. Spacing Unit dedicated to this well **320 ACRES (E2)**

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. **741'**

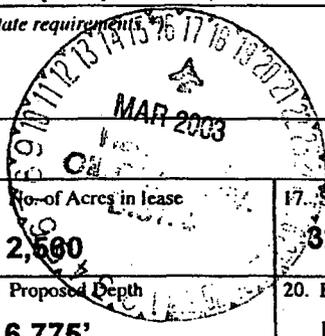
19. Proposed Depth **6,775'**

20. BLM/BIA Bond No. on file **KA6084 (BLM - NATIONWIDE)**

21. Elevations (Show whether DF, KDB, RT, GL, etc.) **6,440' GL**

22. Approximate date work will start\* **JANUARY 6, 2003**

23. Estimated duration **3 WEEKS**



24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

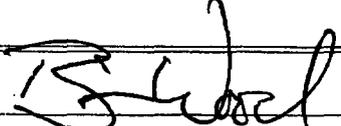
Comments

On site inspector: Roger Herrera  
Archaeology report: CASA 02-83 (dated 8-8-02)

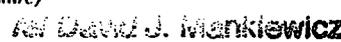
DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

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

cc:BLM (&OCD), Pippin, Stowe

25. Signature  Name (Printed/Typed) **BRIAN WOOD** Date **8-17-02**

Title **CONSULTANT** PHONE: 505 466-8120 FAX: 505 466-9682

Approved by (Signature)  Name (Printed/Typed) **David J. Manikiewicz** Date **MAR 12 2003**

Title \_\_\_\_\_ Office \_\_\_\_\_

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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.

HOLD C104 FOR NSL

WMOCD

DISTRICT I  
1635 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

DISTRICT II  
811 South First, Artesia, N.M. 88210

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-31194	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name BASIN DAKOTA
<sup>4</sup> Property Code 29140	<sup>5</sup> Property Name SCOTT FEDERAL	
<sup>6</sup> OGED No. 193195	<sup>7</sup> Operator Name MARKWEST RESOURCES, INC.	<sup>8</sup> Well Number 233
		<sup>9</sup> Elevation 6440'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	23	27-N	11-W		285'	SOUTH	1370'	EAST	SAN JUAN

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 320									
<sup>13</sup> Joint or Infill			<sup>14</sup> Consolidation Code			<sup>15</sup> 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>16</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>Brian Wood</i></p> <p>Signature</p> <p>Printed Name BRIAN WOOD</p> <p>Title CONSULTANT</p> <p>Date AUG. 26, 2002</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>DAVID A. JOHNSON Date of Survey Signature and Seal of Professional Surveyor 14827</p> <p>REGISTRED PROFESSIONAL SURVEYOR</p> <p>Certificate Number</p>

FD 2 1/2" GLO BC 1913

FD 2 1/2" GLO BC 1913

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.*

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side.</b>		5. Lease Serial No. NMSF078089
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. SCOTT FEDERAL 233	
2. Name of Operator MARKWEST RESOURCES INC	Contact: CINDY BUSH E-Mail: cbush@markwest.com	9. API Well No. 30-045-31194-00-X1
3a. Address 155 INVERNESS DRIVE WEST ENGLEWOOD, CO 80111	3b. Phone No. (include area code) Ph: 303.925.9283 Fx: 303.290.9309	10. Field and Pool, or Exploratory BASIN DAKOTA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T27N R11W SWSE 285FSL 1370FEL		11. County or Parish, and State SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original A PD
	<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 recompleat 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 recompleat 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.)

MarkWest Resources Inc, will not be drilling this well, please withdraw the Application to Drill.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #23594 verified by the BLM Well Information System For MARKWEST RESOURCES INC, sent to the Farmington Committed to AFMSS for processing by Adrienne Garcia on 06/26/2003 (03AXG1451SE)</b>	
Name (Printed/Typed) CINDY BUSH	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/24/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>JIM LOVATO</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>06/26/2003</u>
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 <u>Farmington</u>

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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.*

5. Lease Serial No.  
NMSF078089

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. SCOTT FEDERAL 233
2. Name of Operator MARKWEST RESOURCES INC Contact: CINDY BUSH E-Mail: cbush@markwest.com		9. API Well No. 30-045-31194-00-X1
3a. Address 155 INVERNESS DRIVE WEST ENGLEWOOD, CO 80111	3b. Phone No. (include area code) Ph: 303.925.9283 Fx: 303.290.9309	10. Field and Pool, or Exploratory BASIN DAKOTA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T27N R11W SWSE 285FSL 1370FEL		11. County or Parish, and State SAN JUAN COUNTY, 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

MarkWest Resources Inc, will not be drilling this well, please withdraw the Application to Drill.



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

**Electronic Submission #23594 verified by the BLM Well Information System  
For MARKWEST RESOURCES INC, sent to the Farmington  
Committed to AFMSS for processing by Adrienne Garcia on 06/26/2003 (03AXG1451SE)**

Name (Printed/Typed) CINDY BUSH	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/24/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>/s/ Jim Lovato</u>	Title	JUN 26 2003 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

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**NMOCD**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-104A  
August 11, 2000

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit 1 copy of the final affected wells list along with 2 copies of this form per number of wells on that list to appropriate District Office

**Change of Operator**

Previous Operator Information:

OGRID: 193195  
Name: MarkWest Resources, Inc.  
Address: 155 Inverness Drive West  
Address: Suite 200  
City, State, Zip: Denver, Co 80112-5000

New Operator Information:

Effective Date: July 1, 2003  
New Ogrid: 167067  
New Name: XTO Energy Inc.  
Address: 2700 Farmington Avenue  
Address: Suite 1, Bldg.K  
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator  
Signature: Edwin S. Ryan, Jr.  
Printed name: EDWIN S. RYAN, JR.  
Title: XTO ENERGY INC.  
Date: 6-30-03 Phone: 505-564-6700



Previous operator complete below:

Previous Operator: MarkWest Resources, Inc.  
Previous OGRID: 193195  
Signature: F. J. Witsell  
Printed Name: Fred Witsell

<b>NMOCD Approval</b>	
Signature:	<u>[Signature]</u>
Printed Name:	<u>SUPERVISOR DISTRICT #3</u>
District:	<u>JUL 14 2003</u>
Date:	



5-USGS

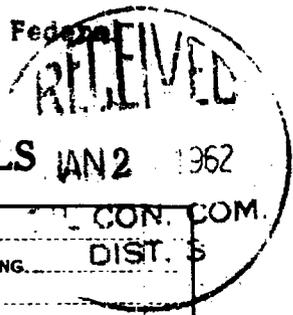
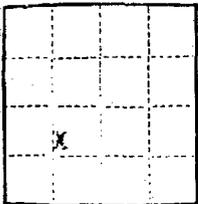
1-WU  
1-D  
1-F

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4  
Approval expires 12-31-61.

Land Office \_\_\_\_\_  
Lease No. **SF-078089**  
Unit \_\_\_\_\_  
Hancock Federal



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 27, 1961

Well No. 5 is located 1450 ft. from **NS** line and 1850 ft. from **EW** line of sec. 23

NE/4 SW/4 Sec. 23      27N      11W      NMPN  
(1/4 Sec. and 1/4 Sec. No.)      (Twp.)      (Range)      (Meridian)

Basin Dakota      San Juan      New Mexico  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 6396 ft. G.L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill with rotary tools to an approximate depth of 1750 feet or to test the Dakota formation. Casing program will be as follows:

10 3/4" 32.75# surface casing set at approximately 200 feet with 150 sx cement.  
4 1/2" 10.50# set at total depth with 450 sx cement or cement to cover the Gallup formation.

A 2W tool will be placed for the protection of the Pictograph Cliffs formation.

Will perforate and sand water frac the Dakota formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southwest Production Company

Address 207 Petr. Club Plaza

Farmington, New Mexico

By \_\_\_\_\_

Title Assistant Supt.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date 12/27/61

Operator SOUTHWEST PRODUCTION COMPANY Lease Hancock Federal SF-078009  
 Well No. 5 Unit Letter K Section 23 Township 27 NORTH Range 11 WEST, NMPM  
 Located 1450 Feet From the SOUTH Line, 1850 Feet From the WEST Line  
 County SAN JUAN G. L. Elevation 6396.0 Dedicated Acreage 3/320 Acres  
 Name of Producing Formation Dakota Pool Basin Dakota

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
 Yes  No
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes  No  If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



Section B.

Note: All dimensions must be from outer boundaries of section.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

**Southwest Production Company**

(Operator)

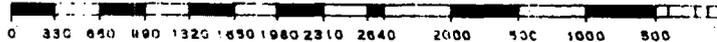
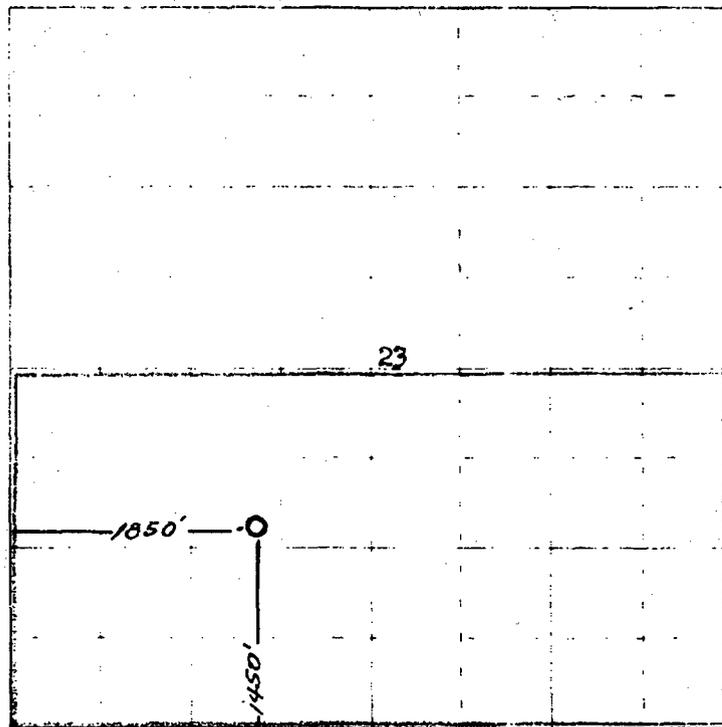
(Representative)

207 Petr. Club Plaza

(Address)

Farmington, N. M.

Ref: GLO plat dated 19 July 1915



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 20 December 1961

James P. Leese  
 Registered Professional Engineer and/or Land Surveyor  
 San Juan Engineering Company  
 James P. Leese N. Mex. Reg. No. 1463



Farmington, New Mexico

4-UBGS  
1-WD  
1-D  
1-F

SWP-95

Budget Bureau No. 42-R558.  
April 1954, expires 12-31-60.

Form 9-881a  
(Feb. 1961)

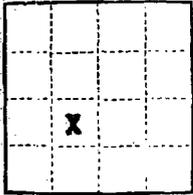
Land Office \_\_\_\_\_

Lease No. **SF-078069**

Unit \_\_\_\_\_

Hancock Federal \_\_\_\_\_

RECEIVED



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS JAN 11 1962

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

1-8-62, 19

Well No. **5** is located **1450** ft. from **N** line and **1850** ft. from **E** line of sec. **23**

**NE/4 SW/4 Sec. 23**      **27N**      **11W**      **NMPM**  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

**Basin Dakota**      **San Juan**      **New Mexico**  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is **6396** ft. G.L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 1-5-62 - Spudded in 13 3/4" surface hole. Ran & Set 8 jts. (205') 10 3/4" surface casing 32.75# Lone Star set @ 193' w/150 sx HA-5 2% gel, plug down @ 2:00 AM.
- 1-6-62 - WOC 10 hrs. Pressure test w/750# for 30 minutes, held O.K. Drilling.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Southwest Production Company**

Address **207 Petr. Club Plaza**

**Farmington, New Mexico**

Original signed by **Carl W. Smith**

By \_\_\_\_\_  
Title **Superintendent**

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Southwest Production Company Lease Hancock Federal

Well No. 5 Unit Letter K S 23 T 27NR 11W Pool Basin-Dakota

County San Juan Kind of Lease (State, Fed. or Patented) Fed. SF-078089

If well produces oil or condensate, give location of tanks: Unit K S 23 T 27N R 11W

Authorized Transporter of Oil or Condensate McWood Corporation

Address 364 Petr. Building, Abilene, Texas  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address P. O. Box 990, Farmington, New Mexico Date Connected \_\_\_\_\_  
(Give address to which approved copy of this form is to be sent)

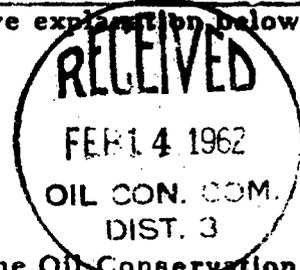
If Gas is not being sold, give reasons and also explain its present disposition:  
Waiting on pipeline connection

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ (x)

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 12th day of February 19 62

By \_\_\_\_\_ Original signed By Carl W. Smith

Approved FEB 14 1962 19 \_\_\_\_\_

Title Superintendent

OIL CONSERVATION COMMISSION

Company Southwest Production Company

Original Signed By  
By A. R. KENDRICK

Address 207 Petr. Club Plaza

Title PERMITS ENGINEER DIST. NO. 3

Farmington, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR ~~WELL~~ - (GAS) ALLOWABLE

New Well  
~~XXXXXXXXXX~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico 2/13/62  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Southwest Production Co. Hancock Federal, Well No. 5, in NE 1/4 SW 1/4  
(Company or Operator) (Lease)

K, Sec. 23, T. 27N, R. 11W, g NMPM, Basin-Dakota Pool  
Unit Letter

San Juan County. Date Spudded 1/6/62 Date Drilling Completed 1/18/62

Please indicate location: Elevation 6396' G.L. Total Depth 6740 ~~PROD~~ CO 6665

Top Oil/Gas Pay 6615 Name of Prod. Form. Dakota

PRODUCING INTERVAL -

Perforations 6615-33 w/ 4BPF  
Open Hole \_\_\_\_\_ Depth \_\_\_\_\_  
Casing Shoe \_\_\_\_\_ Depth \_\_\_\_\_  
Tubing 6627

OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls. water in \_\_\_\_\_ hrs. \_\_\_\_\_ min. Choke Size \_\_\_\_\_  
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls. water in \_\_\_\_\_ hrs. \_\_\_\_\_ min. Choke Size \_\_\_\_\_

GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Tubing, Casing and Cementing Record

Size	Feet	Sax
10 3/4" @	193	150
4 1/2" @	6739	425
1 1/2" tbg. @	6627	

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: 3913 MCF/Day; Hours flowed 3

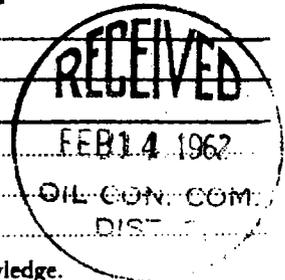
Choke Size 3/4" Method of Testing: Choke

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 40,000# 20-40 sd 35,000 gds. gelled wtr.  
Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Date first new \_\_\_\_\_  
Press. 1227 Press. 313 oil run to tanks \_\_\_\_\_

Oil Transporter \_\_\_\_\_

Gas Transporter El Paso Natural Gas Company

Remarks: \_\_\_\_\_



I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: FEB 11 1962, 19\_\_\_\_\_

Southwest Production Company  
(Company or Operator)

Original signed By \_\_\_\_\_

By: Carl W. Smith  
(Signature)

OIL CONSERVATION COMMISSION

Original Signed By \_\_\_\_\_

By: A. R. KENDRICK

Title: Superintendent  
Send Communications regarding well to:

Title: PETROLEUM ENGINEER DIST. NO. 3

Name: Southwest Production Company

Address: 207 Petr. Club Plaza, Farmington, N.M.



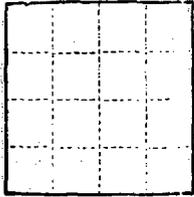


4-USGS  
1-WD  
1-D  
1-F

SWP-95

Budget Bureau No. 42-R5584  
Approval expires 12-31-60.

Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office .....

Lease No **SF-078089**

Unit .....  
**Hancock Federal**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL .....	SUBSEQUENT REPORT OF WATER SHUT-OFF .....	
NOTICE OF INTENTION TO CHANGE PLANS .....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING .....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF .....	SUBSEQUENT REPORT OF ALTERING CASING .....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL .....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR .....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE .....	SUBSEQUENT REPORT OF ABANDONMENT .....	
NOTICE OF INTENTION TO PULL OR ALTER CASING .....	SUPPLEMENTARY WELL HISTORY .....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL .....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 12, 1962

Well No. **5** is located **1450** ft. from **N** line and **1850** ft. from **W** line of sec. **23**

**NE 1/4** Sec. **23** (1/4 Sec. and 1/4 Sec. No.)      **27N**      **11W**      **101PM**  
(Twp.)      (Range)      (Meridian)

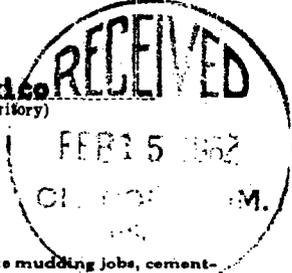
**Basin-Dakota**      **San Juan**      **New Mexico**  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is **6396** ft. G.L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1/26/62 Moved on completion tools, drid. DV tools @ 2265, CO to 6665.  
1/27/62 Tested csg. w/ 3500#. Ran correlation log & perf. 6615-6633 w/  
48PF. SWF w/ 40,000# 20-40 sd. 35,900 gals gelled wtr. BDP 2400#, TP  
3300-2600, ATP 2800#, inj rate 33.3 BPM. Shut well in 2 1/2 hrs. pressure  
dropped to -0- ran 201 jts. 1 1/2" non-upset tbg, washed out 30' sand, landed  
tbg @ 6627.45'KB. Opened well next morning, would not flow, pulled swab  
twice, well kicked off. Cleaning well, prep to S.I. for gauge.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Southwest Production Company**

Address **207 Petr. Club Plaza**  
**Farmington, New Mexico**

Original signed by  
By **Carl W. Smith**

x Title **Superintendent**

4-USGS  
1-ND  
1-D  
1-F

SMP-95

Budget Bureau No. 42-R3884  
Approval Expires 12-31-60

Form 9-3314  
(Feb. 1961)

Land Office .....

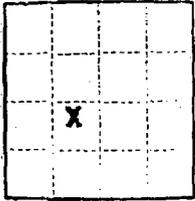
Lease No. **SF-078089**

Unit .....

**Hancock Federal**

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY..... <b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 9, 1962

Well No. **5** is located **1450** ft. from **[NE S]** line and **1850** ft. from **[NE W]** line of sec. **23**

**NE SW** Sec. **23** **27 N** **11 W** **NMPM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

**Basin-Dakota** **San Juan** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

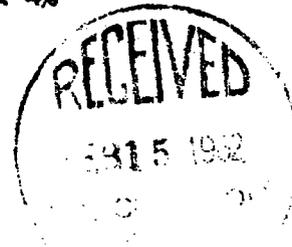
The elevation of the derrick floor above sea level is **6396** ft. G.L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1/18/62--T.D. 6740

Ran 212 fts  $4\frac{1}{2}$ " 10.50# Lone Star csg. set @ 6739' KB.  
Float collar @ 6693, DW tool @ 2265; 1st stage cemented w/  
200 sx 50/50 pozmix 4% gel, 100 sx neat w/ 1% halad #9,  
plug down @ 11:20 p.m. 2nd stage w/125 sx 50/50 pozmix 4%  
gel, plug down 11:45 p.m. 18th W.O.C.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Southwest Production Company**

Address **207 Petr. Club Plaza**

**Farmington, New Mexico**

Original signed by  
**Carl W. Smith**

By .....

Title **Superintendent**

6-OCC  
1-F

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

SWP-95  
Form G-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Southwest Production Company Lease Hancock Federal

Well No. 5 Unit Letter K S 23 T 27N R 11W Pool Basin Dakota

County San Juan Kind of Lease (State, Fed. or Patented) Fed. SF-073089

If well produces oil or condensate, give location of tanks: Unit K S 23 T 27N R 11W

Authorized Transporter of Oil or Condensate Industrial Oil Company

Address P. O. Box 15032, Salt Lake City, Utah  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address P. O. Box 990, Farmington, New Mexico Date Connected \_\_\_\_\_  
(Give address to which approved copy of this form is to be sent)

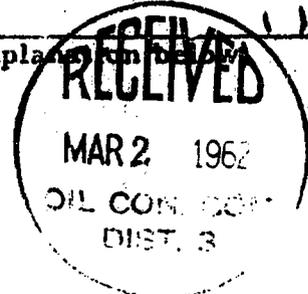
If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate (X)

Change in Ownership ( ) Other ( )

Remarks: \_\_\_\_\_ (Give explanation on back)



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 2nd day of March 19 62

By \_\_\_\_\_ Original signed by  
Carl W. Smith

Approved MAR 2 1962 \_\_\_\_\_ 19 \_\_\_\_\_

Title Superintendent

OIL CONSERVATION COMMISSION

Company Southwest Production Company

By \_\_\_\_\_

Address 207 Petr. Club Plaza

Title PETROLEUM ENGINEER DIST. NO. 3

Farmington, New Mexico

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TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

## CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

**FORM C-113**  
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Southwest Production Company</b>			Lease <b>Hancock Federal</b>		Well No. <b>5</b>
Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27N</b>	Range <b>11W</b>	County <b>San Juan</b>	

Pool <b>Basin Dakota</b>	Kind of Lease (State, Fed Fee) <b>Federal SF-078089</b>				
If well produces oil or condensate give location of tanks	Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27N</b>	Range <b>11W</b>	

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)
<b>M. &amp; H. Trucking Company</b>	<b>P. O. Box 1995, Farmington, New Mexico</b>

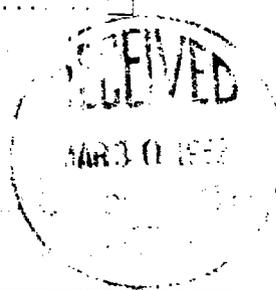
Is Gas Actually Connected? Yes \_\_\_\_\_ No \_\_\_\_\_

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)

If gas is not being sold, give reasons and also explain its present disposition:

**REASON(S) FOR FILING (please check proper box)**

New Well .....	<input type="checkbox"/>	Change in Ownership .....	<input type="checkbox"/>
Change in Transporter (check one)		Other (explain below)	
Oil .....	<input type="checkbox"/>	Dry Gas .....	<input type="checkbox"/>
Casing head gas .....	<input type="checkbox"/>	Condensate .....	<input checked="" type="checkbox"/>



Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 30th day of March, 19 62.

OIL CONSERVATION COMMISSION		By
Approved by		Original signed by <b>Carl W. Smith</b>
		Title <b>Superintendent</b>
Title <b>Supervisor Dist # 3</b>	Company	<b>Southwest Production Company</b>
Date	Address	<b>207 Petr. Club Plaza, Farmington, New Mexico</b>

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TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

## CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110  
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator: <b>Southwest Production Company</b>			Lease: <b>Hancock Federal</b>		Well No. <b>5</b>
Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27 N</b>	Range <b>11 W</b>	County <b>San Juan</b>	
Pool: <b>Basin Dakota</b>			Kind of Lease (State, Fed, Fee) <b>Federal SF-078089</b>		

If well produces oil or condensate give location of tanks	Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27 N</b>	Range <b>11 W</b>	
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)		
<b>Lamar Trucking Company</b>			<b>P. O. Box 1528, Farmington, New Mexico</b>		

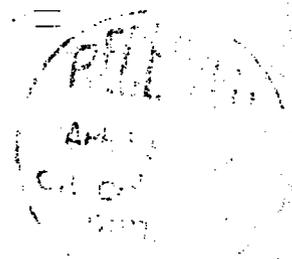
Is Gas Actually Connected? Yes \_\_\_\_\_ No \_\_\_\_\_

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

- |   |  |
|---|--|
| New Well . . . . . <input type="checkbox"/>   | Change in Ownership . . . . . <input type="checkbox"/> |
| Change in Transporter (check one)   | Other (explain below)                                  |
| Oil . . . . . <input type="checkbox"/> Dry Gas . . . . . <input type="checkbox"/>                           |  |
| Casing head gas . . . . . <input type="checkbox"/> Condensate . . . . . <input checked="" type="checkbox"/> |  |



Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 18th day of April, 1962.

OIL CONSERVATION COMMISSION	By <b>Original Signer</b> <b>Carl W. Smith</b>
	Title <b>Superintendent</b>
Approved by <b>Original Signer</b> <b>A. R. B. Smith</b>	Company <b>Southwest Production Company</b>
Title <b>PETROLEUM ENGINEER</b>	Address <b>207 Petr. Club Plaza, Farmington, N.M.</b>
Date	

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	GAS
PROBATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

## CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

**FORM C-110**  
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Southwest Production Company</b>		Lease <b>Hancock Federal</b>	Well No. <b>5</b>
Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27N</b>	Range <b>11W</b>
			County <b>San Juan</b>

Pool <b>Basin Dakota</b>	Kind of Lease (State, Fed Fee) <b>Federal F-078089</b>
-----------------------------	---

If well produces oil or condensate give location of tanks	Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27N</b>	Range <b>11W</b>
--	-------------------------	----------------------	------------------------	---------------------

Authorized transporter of oil <input type="checkbox"/> or condensate <input checked="" type="checkbox"/> <b>Industrial Oil Company</b>	Address (give address to which approved copy of this form is to be sent) <b>P. O. Box 15032, Salt Lake City, Utah</b>
---	--

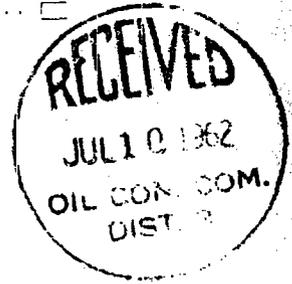
Is Gas Actually Connected? Yes \_\_\_\_\_ No \_\_\_\_\_

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
--	----------------	--

If gas is not being sold, give reasons and also explain its present disposition:

**REASON(S) FOR FILING (please check proper box)**

New Well .....	<input type="checkbox"/>	Change in Ownership .....	<input type="checkbox"/>
Change in Transporter (check one)		Other (explain below)	
Oil .....	<input type="checkbox"/>	Dry Gas .....	<input type="checkbox"/>
Casing head gas ..	<input type="checkbox"/>	Condensate ..	<input checked="" type="checkbox"/>



Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 5th day of July, 1962.

OIL CONSERVATION COMMISSION	By <b>Original signed by Carl W. Smith</b>
Approved by <b>Original Signed by W. B. Smith</b>	Title <b>Superintendent</b>
Title <b>REGIONAL SUPERVISOR DIST. NO. 3</b>	Company <b>Southwest Production Company</b>
Date <b>JUL 10 1962</b>	Address <b>207 Petr. Club Plaza Farmington, New Mexico</b>

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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO **SWP-95**  
**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
 TO TRANSPORT OIL AND NATURAL GAS**

**FORM C-110**  
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Southwest Production Company</b>			Lease <b>Hancock Federal</b>	Well No. <b>5</b>
Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27 N</b>	Range <b>11 W</b>	County <b>San Juan</b>

Pool <b>Basin Dakota</b>	Kind of Lease (State, Fed, Fee) <b>Federal SF-078089</b>
-----------------------------	---

If well produces oil or condensate give location of tanks	Unit Letter <b>K</b>	Section <b>23</b>	Township <b>27 N</b>	Range <b>11 W</b>
--	-------------------------	----------------------	-------------------------	----------------------

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)
<b>La Mar Trucking, Inc.</b>	<b>P. O. Box 1528, Farmington, New Mexico</b>

Is Gas Actually Connected? Yes  No

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)

If gas is not being sold, give reasons and also explain its present disposition:

**REASON(S) FOR FILING (please check proper box)**

New Well . . . . . <input type="checkbox"/>	Change in Ownership . . . . . <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil . . . . . <input type="checkbox"/> Dry Gas . . . . . <input type="checkbox"/>	
Casing head gas . . . . . <input type="checkbox"/> Condensate . . . . . <input checked="" type="checkbox"/>	

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 29th day of November, 19 62.

OIL CONSERVATION COMMISSION	By Original signed by <b>Carl W. Smith</b>
Approved by Original Signed By <b>A. R. KENDRICK</b>	Title <b>Superintendent</b>
Title <b>PETROLEUM ENGINEER DIST. NO. 3</b>	Company <b>Southwest Production Company</b>
Date <b>NOV 30 1962</b>	Address <b>207 Petr. Club Plaza Farmington, New Mexico</b>

NUMBER OF COMPLETES	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	C.L.
	G.A.S.
REGISTRATION OFFICE	
OPERATOR	

5-OCC NEW MEXICO OIL CONSERVATION COMMISSION  
 1-F SANTA FE, NEW MEXICO  
**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
 TO TRANSPORT OIL AND NATURAL GAS**  
 FORM C-110 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator: **Beta Development Co.** Lease: **Hancock Federal** Well No.: **5**

Unit Letter: **K** Section: **23** Township: **27N** Range: **11W** County: **Sar Juan**

Pool: **Basin Dakota** Kind of Lease (State, Fed, Fee): **Federal**

If well produces oil or condensate give location of tanks: \_\_\_\_\_ Unit Letter: **K** Section: **23** Township: **27N** Range: **11W**

Authorized transporter of oil  or condensate   
**La Mar Trucking, Inc.** Address (give address to which approved copy of this form is to be sent):  
**P. O. Box 152E, Farmington, N. M.**

Is Gas Actually Connected? Yes  No

Authorized transporter of casing head gas  or dry gas  Date Connected: \_\_\_\_\_ Address (give address to which approved copy of this form is to be sent):  
**El Paso Natural Gas Company** **P. O. Box 990, Farmington, N. M.**

If gas is not being sold, give reasons and explain its proposed disposition:  
**INLAND CORPORATION PURCHASED ALL THE ASSETS OF BOTH LA MAR TRUCKING, INC. AND INLAND TRUCKING, INC. THIS PURCHASE INCLUDED N. M. PERMIT 670 WHICH HAS BEEN TRANSFERRED TO INLAND CORPORATION.**

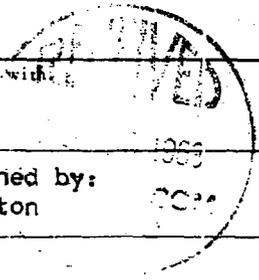
**CLYDE C. LEWIS**  
**INLAND CORPORATION** REASON(S) FOR FILING (please check proper box)

- New Well
- Change in Ownership
- Change in Transporter (check one)
- Other (explain below)
- Oil  Dry Gas
- Casing head gas  Condensate

Remarks:  
**Filed to change ownership from Southwest Production Co. to Beta Development Co., effective September 1, 1963.**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.  
 Executed this the 18th day of September, 1963

OIL CONSERVATION COMMISSION	By: <b>Original signed by: John T. Hampton</b>
Approved by: _____	Title: <b>Manager</b>
Title: _____	Company: <b>Beta Development Co.</b>
Date: _____	Address: <b>234 Penn. Club Plaza Farmington, N. M.</b>



3-OCC  
1-F

NEW MEXICO OIL CONSERVATION COMMISSION

Supersedes OIT  
1-102 and C-103  
Effective 12-65

NO. OF COPIES REQUIRED	3
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SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Indicate type of notice	<input checked="" type="checkbox"/> <b>Federal</b> <input type="checkbox"/>
State Oil Well License No.	<b>SF-078089</b>
Field Agreement Name	
Name of Lease Owner	<b>Hancock Federal</b>
Well No.	<b>5</b>
Field and Sect. or Wildcat	<b>Basin Dakota</b>
County	<b>San Juan</b>

**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 -" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL  GAS WELL  OTHER

2. Name of Operator  
**Beta Development Co.**

3. Address of Operator  
**234 Petroleum Club Plaza, Farmington, New Mexico**

4. Location of Well  
Section **K** **1450** FEET FROM THE **South** LINE AND **1850** FEET FROM **West** LINE, SECTION **23** TOWNSHIP **27 N** RANGE **11 W** NMPM

5. Elevation (Show whether DF, RT, GR, etc.)  
**6396' GR**

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
WELL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	<input type="checkbox"/>
		OTHER <input type="checkbox"/>	

6. Describe Proposed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 103.

Repair casing leaks w/packer and Kem-Pac chemicals, as follows:

Rig up workover rig, circulate out mud, sand and shale to T.D. Circulate until hole is clean. POH. Run Baker Model "D" production packer on wire line. Set packer just below Greenhorn section w/bump out plug to keep any water or Kem-Pac material from getting below packer. GIH w/tbg., Model "D" locator and tail pipe. Spot Kem-Pac above Model "D", set tail pipe down on bump out plug, run tail pipe through Model "D" and land locator seals in packer. Flange up well head, swab well in and re-acidize if necessary.



7. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Original signed by:  
**JOHN T. HAMPTON**

SIGNED \_\_\_\_\_ TITLE **Manager** DATE **December 21, 1966**

APPROVED BY *Ernest C. Lawler* TITLE *Sup. Prod. Div.* DATE *12-23-66*  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved  
Budget Bureau No. 42-R1424.  
LEASE DESIGNATION AND SERIAL NO.

SF-078089

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  
**Beta Development Co.**

3. ADDRESS OF OPERATOR  
**234 Petroleum Club Plaza, Farmington, New Mexico**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**1450/S 1850/W**

14. PERMIT NO. **6396 GR**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Hancock Federal**

9. WELL NO.  
**5**

10. FIELD AND POOL, OR WILDCAT  
**Basin Dakota**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**23-27N-11W NMPM**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**New Mexico**

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

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

(NOTE: Report results of multiple completion on Well Completion or Recompletion 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.)\*

- 1-4-67 Rigged up work over unit, latched onto tbg, tbg stuck on bottom. Circ. w/wtr @ 1800#. Broke circ w/hot oil @ 2800#. Circ. hot oil around stuck tbg., worked loose in 11 hrs. Circ. out approx. 3500' drig mud, sand and shale. CO to 6665'. Circ. on bottom 2 hrs to clean hole. POH.
- 1-5-67 Ran junk ring to 6660'. Ran Baker Model "D" packer on wire line & set @ 6520'. Ran 1-1/2" tbg w/Baker locator assembly and 5' of tail pipe. Stopped tbg @ 6515'. Spotted 97 bbls oil w/Kem-Pac chemicals behind tbg. Flushed tbg w/13 bbls oil, slacked tbg off. Pushed bump out plug out of packer. Set locator in packer w/6000#, set 10,000# on donut. Ran 197 jts 6518' 1-1/2" non-upset tbg. Rigged down blow out preventor, rigged up to swab. Swabbed 9 hrs. Released rig @ 8 AM. 6th
- 1-6-67 Blowing well.
- 1-7-67 Blowing well.
- 1-8-67 Hooked up and put back on line.

RECEIVED

JAN 16 1967

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

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

SIGNED Original signed by:  
**D. E. BAXTER** TITLE Superintendent DATE Jan. 16, 1967

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_



\*See Instructions on Reverse Side

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LAND OFFICE	
OPERATOR	

2-OCC  
1-F

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

1. Indicate Type of Lease  
 FEDERAL  OTHER  
 2. State Oil & Gas Lease No.  
 SF-078089

**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" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Beta Development Co.	8. Firm or Lease Name Hancock Federal
3. Address of Operator 125 Petr. Club Plaza, Farmington, N.M.	9. Well No. 5
4. Location of Well UNIT LETTER <u>K</u> <u>1450</u> FEET FROM THE <u>South</u> LINE AND <u>1850</u> FEET FROM THE <u>West</u> LINE, SECTION <u>23</u> TOWNSHIP <u>27N</u> RANGE <u>11W</u> N.M.P.M.	10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 6396' G.L.	11. County San Juan

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER _____ <input type="checkbox"/>	OTHER <u>Check Kem-Pac chemicals behind plug.</u> <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1-03.

3-14-68 Rigged up to well head, pre-heated chemically treated oil. Pumped in 6 bbls., filled annulus, pressured up to 550#, held pressure for 30 min. to check Kem-Pac chemicals.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Superintendent DATE 4-1-68

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE 1968

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424

**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  
**Beta Development Co.**

3. ADDRESS OF OPERATOR  
**125 Petroleum plaza Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
**1,450' /SL and 1,850' /WL**

14. PERMIT NO. \_\_\_\_\_

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6396 GL**

5. LEASE DESIGNATION AND SERIAL NO.  
**SF-078089**

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Hancock Federal**

9. WELL NO.  
**5**

10. FIELD AND POOL, OR WILDCAT  
**Basin Dakota**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**23-27N-11W**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**New Mexico**

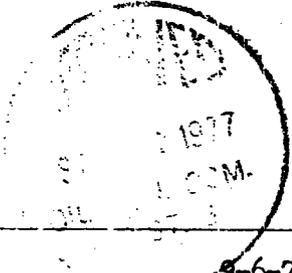
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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

(NOTE: Report results of multiple completion on Well 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 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.)

Rid up workover rig, install B.O.P. pull 1 1/2" tubing, pick up string of 2 3/8" tubing for working string, set R-1 plug in model "D" packer at 6520', circulate out drilling mud and Kempac chemicals, POH, GIH W/ full bore packer, set packer 30' above model "D" W/ plug, test plug, packer and tubing string to 2,500#, release packer come up hole, find bottom and top holes in 4 1/2" casing. As there is a 2 stage collar @ 2265', pull packer up and set @ 2200; squeeze approximately 450 sacks reg. cement with 6% gel and 2% calcium chloride, hold squeeze pressure until no flow back, release packer circulate out, POH with packer, WOC 8 to 12 hrs. trip in with 3 7/8" bit on tubing, drill cement out of casing, test squeeze to 1500#, retrieve R-1 plug, lay 2 3/8" tubing down, run 1 1/2" string land in model "D" packer, swab well off.



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

SIGNED *D. E. Van...* TITLE Superintendent DATE 9-6-77

(This space for Federal or State office use)

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

**RECEIVED**

SEP 6 1977

\*See Instructions on Reverse Side

GEOLOGICAL SURVEY

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DATE OF OIL RECEIVED	
DISTRICT	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	NATURAL GAS
OPERATOR	
PRODUCTION OFFICE	

Operator  
**Beta Development Company**

Address  
**238 Petroleum Plaza Farmington, NM 87401**

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

New Well       Change in Transporter of:      Oil       Dry Gas

Recompletion       Casinghead Gas       Condensate

Change in Ownership

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

**DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Hancock Federal</b>	Well No. <b>5</b>	Pool Name, including Formation <b>Basin Dakota</b>	Kind of Lease State, Federal or Fee <b>Federal</b>	Lease No. <b>1045-05</b>
Location Unit Letter <b>K</b> <b>1450</b> Feet From The <b>South</b> Line and <b>1850</b> Feet From The <b>West</b>				
Line of Section <b>23</b> Township <b>27N</b> Range <b>11W</b> , NMPM, <b>San Juan</b> County				

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

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> <b>Giant Refinery Inc.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 256 Farmington, NM 87401</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>El Paso Natural Gas Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 990 Farmington, NM 87401</b>
If well produces oil or liquids, give location of tanks. Unit <b>K</b> Sec. <b>23</b> Twp. <b>27N</b> Rge. <b>11W</b>	Is gas actually connected?      When

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. Res'v.
<input checked="" type="checkbox"/>								
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RAB, 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 allowable 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/MMCF	Gravity of Condensate
Testing Method (spot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

**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.

*Roberta Proshell*  
(Signature)  
**Production Manager**  
(Title)  
**March 23, 1982**  
(Date)

**OIL CONSERVATION DIVISION**

APPROVED **APR 2 1982**, 19 \_\_\_\_\_  
Original Signed by **CHARLES GARDNER**

BY \_\_\_\_\_  
TITLE **DEPUTY OIL & GAS INSPECTOR, NM**

This form is to be filed in compliance with RULE 1106.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation 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 owner, well name or number, or transporter or other such change of condition.  
Form C-104 must be filed for each well in compliance

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

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

Form approved.  
Budget Bureau No. 4004-0135  
Expires August 31, 1985

**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  
Beta Development Company

3. ADDRESS OF OPERATOR  
238 Petroleum Plaza, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below)  
At surface  
1450' FSL and 1850' FWL

13. ELEVATIONS (Show whether DE, BT OR, etc.)  
6396' G.L.

14. PERMIT NO.

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078089

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hancock Federal

9. WELL NO.  
5

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA  
Sec. 23, T-27N, R-11W

12. COUNTY OR PARISH 13. STATE  
San Juan New Mexico

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 COMPLETION	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	
(Other)			

NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

17. Describe in detail the work done, including the location, depth, and interval and true vertical depth for all markers and zones pertinent to this work.

Well developed hole in csg in 1967, repaired no damage to formation, developed 2nd hole in 1977, repaired with approx. 30% damages. In Jan. 1981 developed 3rd hole, now dead due to holes in csg.

Well History: 10-3/4" csg, set at 193' with cement circulated 4 1/2" casing set @ 6740' with 2 stage at 2265' cement tops (calculated) @ 5400' and 1800' respectively.

Propose to P & A in this manner: rig up trip tubing replace bad tubing, spot 25 sx plug into Dakota perf. @ 6615 to 6633' and 50' above packer @ (6470' 25 X 1.16 X 11.2) = 280' fill, circ. hole with 9.5# mud, spot 10 sx plug 60' below and 70' above Gallup @ 5597' (10 X 1.16 X 11.2) = 130' fill, perf top M. V. section 2960 to 3020', pump 35 sx plug 60' below & 60' above M.V. top (35 X 1.16 X 2.95) = 120' 10 sx plug 60' below P. C. @ 2092 and 50' above Fruitland @ 1757' (25 X 1.16 X 11.2) = 325' shoot csg @ 1100' recover 20 sx plug 50' in and 50' out casing stub, 30 sx plug 50' below and 50' above Fruitland @ 1857 (30 X 1.16 X 2.95) = 102', spot 30 sx plug 50' above and 50' below Ojo Alamo @ 1095' (30 X 1.16 X 2.95) = 102' spot 50 sx plug 50' in and 50' out base of surface set dry hole marker w/10 sx plug at surface.

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

SIGNED *[Signature]* TITLE Asst. Supt.

(This space for Federal or State office use)

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

DATE April 9, 1985

*[Signature]*

\*See Instructions on Reverse Side

ABANDONED WELL

WORKSHEET

GL 6396'

OPERATOR Beta Development

WELL NO. HAWK FID #5 LOCATED 314 SW/4 S. 23T. 27N R. 11W

LEASE NO. SF. 078089 FIELD Basin Dakota State NM

T. D. 6740' HOLE SIZE: Surface 16 3/4" Set at 193'

POTD 6665' Interr. \_\_\_\_\_ Set at \_\_\_\_\_

Long Str. 4 1/2" Set at 6737'

Plugs: from to w/sx ft

Plugs:	from	to	w/sx	ft	Notes
	5'	10'	10	5	
	243'	1.3	30	1	Surf. 1.3 Surface
	435'	1.35	30	10	Inter: 225' 180'
	5447'	5247'	10	13	Long str. 6740' 5400'
	18.1'	17.7'	10	1	Perfs at: from to
	1792'	1782'	35	10	6615' 6633'
	5547'	5247'	10	13	
	6470'	6320'	255X	29 C. ft.	
			225' SX	TOTAL	

1/2" SX squeezed here in 1977

Dark pit

FORMATION:	Top	Base
Surface	6740'	193'
Oil	125'	1015'
Kittling	1792'	1757'
Fruitland	1792'	2042'
P. S.	2472'	2254'
		4772'
		2243'
		1214'
		6732'

193'

Oil 988'

Tim 895'

Hand 857'

P.C. 2042'

S 2234'

Sn. W. r. 2970'

1.14 House

SN V. 4460'

20

MS 4772'

Map 5547'

Dakota 6613'

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

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

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <b>Beta Development Company</b></p> <p>3. ADDRESS OF OPERATOR <b>238 Petroleum Plaza, Farmington, NM 87401</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>1450' FSL and 1850' FWL</b></p> <p>14. PERMIT NO.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>SF-078089</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Hancock Federal</b></p> <p>9. WELL NO. <b>5</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Basin Dakota</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 23, T-27N, R-11W</b></p> <p>12. COUNTY OR PARISH    13. STATE <b>San Juan                      New Mexico</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, CR, etc.) <b>6396' G.L.</b></p>	

RECEIVED

AUG 29 1985

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

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

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

6-19-85 Move in rig, rig up, fish 1½" tubing out of hole (1 day), replace 3 bad jt's  
Spot 30 sx plug 6420-6633 circulate hole with 9.5# mud  
Spot 10 sx plug @ 5547-5677, squeeze 30 sx plug into Mesa Verde @ 2958-3020'  
Spot 10 sx plug in casing 2940-3070'  
Spot 25 sx plug 1707 to 2092'  
Shoot casing and recover 1072' 4½" casing  
Trip in hole with tubing, spot 50 sacks plug in casing stub and over Ojo Alamo.  
Spot 50 sx plug @ 142 to 242'  
Spot 10 sx surface plug and install dry hole marker  
Clean up location 8-23-85.

RECEIVED

AUG 27 1985

OIL CON. DIV.  
DIST. 3

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

SIGNED John B. Theilig Sr. TITLE Asst. Superintendent DATE August 22 1985

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AUG 26 1985

*John B. Theilig Sr.*

AREA MANAGER  
FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

NMOCG