

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL Oil 51  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 2. TYPE OF COMPLETION:  
 NEW WELL  WORK OVER  REPAIR  PLUG BACK  DIFF. REPAIR  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Incline Reserves, Inc.

3. ADDRESS OF OPERATOR  
1603 SW 37th St., Topeka, KS 66611 913-267-5033

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 1450' FSL, 2250' FWL (NESW)  
 At top prod. interval reported below Same  
 At total depth SAME

14. PERMIT NO. 30-045-28475 DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
NM 04202

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

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

8. FARM OR LEASE NAME  
Federal 11

9. WELL NO.  
#2

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA  
11, T28N, R9W, NMPM

12. COUNTY OR PARISH San Juan 13. STATE NM

15. DATE SPUDDED 12/09/90 16. DATE T.D. REACHED 12/14/90 17. DATE COMPL. (Ready to prod.) 12/29/90 18. ELEVATIONS (DP, RKB, RT, OB, ETC.)\* 5775' GR 19. ELEV. CASINGHEAD 5776"

20. TOTAL DEPTH, MD & TVD 2310' 21. PLUG. BACK T.D., MD & TVD 2300' 22. IF MULTIPLE COMPL., HOW MANY? \_\_\_\_\_ 23. INTERVALS DRILLED BY ROTARY TOOLS Surf-2310' CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
1934'-2120', Fruitland Coal Seam 25. WAS DIRECTIONAL SURVEY MADE 1-1/2° @ 1289'

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/GR, HiRes Denisty/Neutron 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20#	252'	12-1/4"	240 sx reg	
4-1/2"	10.5#	2307'	7-7/8"	400 sx Poz, 135 sx reg	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1.900"	2139'	

31. PERFORATION RECORD (Interval, size and number)

1934'-41', 2027'-30', 2032'-40',  
2045'-48', 2050'-56', 2060'-62',  
2106'-20', 50 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1934'-2120'	500 gal 7-1/2% HCl
same	Frac w/900,000 cuft N2, 950 bbls gelled wtr, 11,000# 40/70 sand, 275,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION 12/31/90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing WELL STATUS (Producing or shut-in) SI - WOPL

DATE OF TEST 01/03/91 HOURS TESTED 24 CHOKER SIZE 1/4" PROD'N. FOR TEST PERIOD 390

FLOW. TUBING PRESS. 250 psig CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL—BBL. \_\_\_\_\_ GAS—MCF. \_\_\_\_\_ WATER—BBL. \_\_\_\_\_ GAS-OIL RATIO \_\_\_\_\_

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

SIGNED J.P. Garrett TITLE Vice President BY Steve Owen DATE 01/11/91

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

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			(No samples kept, no mud logs, no tests)	Ojo Alamo Kirtland Sh. Fruitland Coal Picture Cliffs	1075? 1207 1934 2161	

Form 3160-5 (June 1990) DIVISION RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED BLM

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

FEB 22 AM 9 51

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.

5. Lease Designation and Serial No.

NM 04202

6. If Indian, Allottee or Tribe Name

FARMINGTON I.M.

SUBMIT IN TRIPLICATE

1. Type of Well

- Oil Well Gas Well Other

2. Name of Operator

Incline Reserves, Inc.

3. Address and Telephone No.

1603 SW 37th St., Topeka, KS 66611 913-267-5033

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

1450' FSL, 2250' FWL (NESW) Sec. 11, T28N, R9W, NMPM

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 11 #2

9. API Well No.

30-045-28475

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other Acidize & Fracture Treatment, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water.

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.)

Acidized perforations from 1934' - 2120' w/500 gal 7-1/2% HCl. Frac'd Fruitland Coal down csg w/900,000 cuft N2, 950 bbls gelled wtr, 11,000# 40/70 sand, 275,000# 20/40 sand. Air - 65 BPM, AIP - 1800 psi. SIWH - 4 hrs. Flowed well to pit. 12/31/90

RECEIVED FEB 19 1991 OIL CON. DIV. DIST. 3

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

Signed J.P. Garrett Title Vice President Date 01/10/91

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by Conditions of approval, if any: Title Date FEB 04 1991

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

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

91 FEB 6 AM 9 20

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

SUBMIT IN TRIPLICATE

1. Type of Well (Oil Well, Gas Well, Other)
2. Name of Operator (Incline Reserves, Inc.)
3. Address and Telephone No. (1603 SW 37th St., Topeka, KS 66611 913-267-5033)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) (1450' FSL, 2250' FWL (NESW) Sec. 11, T28N, R9W, NMPM)

5. Lease Designation and Serial No. (NM 04202)
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No. (Federal 11 #2)
9. API Well No.
10. Field and Pool, or Exploratory Area (Basin Fruitland Coal)
11. County or Parish, State (San Juan, NM)

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

Table with columns: TYPE OF SUBMISSION (Notice of Intent, Subsequent Report, Final Abandonment Notice) and TYPE OF ACTION (Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other Spud, csg. test & cement, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water)

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.)

Spud well on 12/09/90 w/Beeman Drlg. Co. Drilled 12-1/4" hole to 260'. Ran 252' new 8-5/8" 20#/ft csg., landed @ 252'. Cement w/240 sx reg. cmt. Circulate cement to surface. Plug Down @ 1:30 AM, 12/10/90. Pressure test csg. to 600 psi.
Drilled 7-7/8" hole to TD of 2310' w/Summit Drlg. Ran 2309' new 4-1/2" 10/5#/ft csg., landed @ 2307'. Cement w/400 sx Poz, 135 sx reg. cmt. Circulate cement to surface. Plug Down @ 2:00 AM, 12/15/90. Pressure test csg. to 3500 psi.

RECEIVED FEB 04 1991 OIL CON. DIV. DIST. 3

14. I hereby certify that the foregoing is true and correct. Signed J.P. Garrett Title Vice President Date 12/19/90

(This space for Federal or State office use)

Approved by Conditions of approval, if any: ACCEPTED FOR RECORD Date JAN 17 1991

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-045-28475

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
NM 04202

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal 11

9. WELL NO.  
#2

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
11, T28N, R9W NMPM

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

1a. TYPE OF WORK  
DRILL  AM 10 58 DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
Incline Reserves, Inc.

3. ADDRESS OF OPERATOR  
1603 SW 37th Topeka, KS 66611

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1450' FSL, 2250' FWL (NESW)  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
12 miles from Blanco, NM

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

16. NO. OF ACRES IN LEASE  
1198.28

17. NO. OF ACRES ASSIGNED TO THIS WELL  
ALL 220 267.72

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

19. PROPOSED DEPTH  
2350'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5775' GR  
This action is subject to technical and procedural review pursuant to 43 CFR 3100.2 and appeal pursuant to 43 CFR 3100.3

22. APPROX. DATE WORK WILL START\*  
As soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	20#	240'	150 sx (cement to surface)
7 7/8"	4 1/2"	10.5#	2350'	275 sx (cement to surface)

**RECEIVED**  
DEC 07 1990  
OIL CON. DIV. J  
DIST. 3

"Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease."

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 Dana DeLenther TITLE Agent DATE Oct. 22, 1990

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 27 1990  
CONDITIONS OF APPROVAL, IF ANY: AS AMENDED  
John Keller  
AREA MANAGER

Hold 2-104 FOR NSL NMOC

\*See Instructions On Reverse Side

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

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

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

RECEIVED  
 MAIL ROOM

DISTRICT I  
 P.O. Box 1920, Hobbs, NM 88240

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

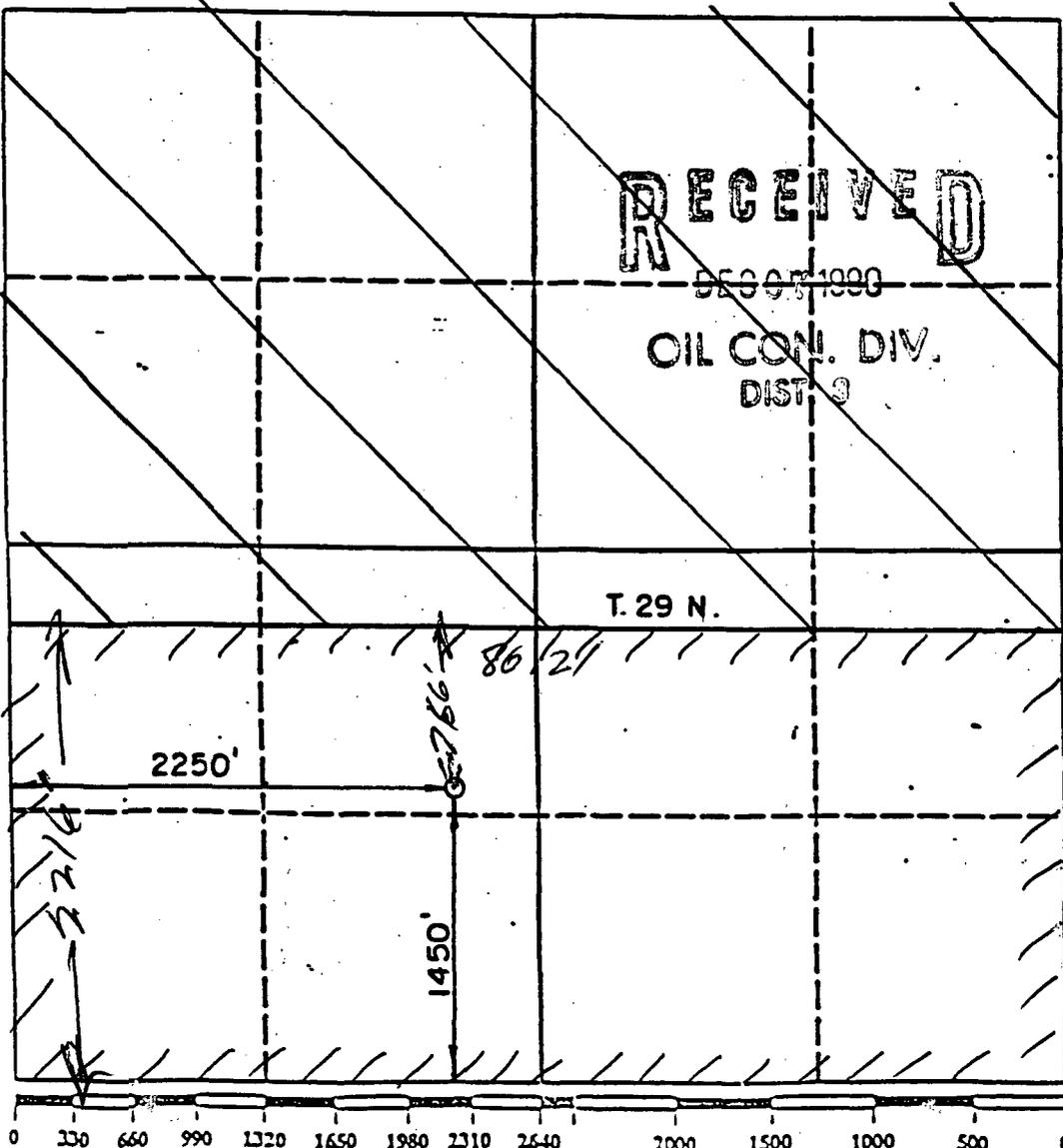
DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>INCLINE RESERVES.</b>		Lease <b>Federal II</b>		Well # <b>Fed. 11</b>	
Unit Letter <b>K</b>	Section <b>11</b>	Township <b>28 North</b>	Range <b>9 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1450</b>		South		West	
feet from the		line and		feet from the	
Ground level Elev. <b>5775'</b>	Producing Formation <b>Fruitland</b>	Pool <b>Basin Fruitland Coal</b>	Dedicated Acreage: <b>320 267.72</b> Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
  - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
  - If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
    - Yes  No
    - If answer is "yes" type of consolidation \_\_\_\_\_
- If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_
- No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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.

Signature: *Dana Delventhal*

Printed Name: Dana Delventhal

Position: Agent

Company: Incline Reserves, Inc.

Date: October 22, 1990

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**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 knowledge and belief.

Date Surveyed: 2/28/90

Signature: *G. Hudspeth*

Professional Surveyor

**REGISTERED LAND SURVEYOR**  
 6844

Certificate No. 6844

33.57