

G.H. Callow Well No. 6
 30-045-20733
 2340' FNL - 2420' FEL
 Spud and completed in
 1971, West Kote PL
 until 1996 when
 Recompleted in
 the Basin Fruitland
 Coal Gas Pool

E/2 Section 28
 dedication
 see NS7-477A

*
 Callow Well No. 7
 30-045-29522
 Drilled to test the P.C. Jan. 1999
 Wanting to recomplete in the
 Basin Fruitland Coal Gas Pool
 850' FNL + 1980' FWL

G.H. Callow Well No. 2
 30-045-07740
 890' FNL - 1750' FEL
 * Spud and Completed in 1953
 * Produced for the West Kote P.C.
 until 1996 when it was
 recompleted in the Basin
 Fruitland Coal (Gas) Pool
 1/2 Sec. 33 dedication

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/27/99 15:16:26
OGOMES -TPGH
PAGE NO: 1

Sec : 28 Twp : 29N Rng : 13W Section Type : NORMAL

D 40.00 Federal owned	C 40.00 Federal owned	B 40.00 Federal owned	A 40.00 Federal owned
E 40.00 Federal owned A A	F 40.00 Federal owned A	G 40.00 Federal owned A	H 40.00 Federal owned A A

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

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/27/99 15:16:31
OGOMES -TPG
PAGE NO: 2

Sec : 28 Twp : 29N Rng : 13W Section Type : NORMAL

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

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

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

07/27/99 15:18:22
OGOMES -TPGH
Page No : 1

API Well No : 30 45 20733 Eff Date : 05-23-1996
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
Prop Idn : 18145 G H CALLOW Well No : 006
Spacing Unit : 47862 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		28	29N	13W	40.00	N	FD		
	B		28	29N	13W	40.00	N	FD		
	G		28	29N	13W	40.00	N	FD		
	H		28	29N	13W	40.00	N	FD		
	I		28	29N	13W	40.00	N	FD		
	J		28	29N	13W	40.00	N	FD		
	O		28	29N	13W	40.00	N	FD		
	P		28	29N	13W	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 :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/27/99 15:19:52
OGOMES -TPGH
PAGE NO: 1

Sec : 33 Twp : 29N Rng : 13W Section Type : NORMAL

D 40.00 Federal owned	C 40.00 Federal owned A A	B 40.00 Federal owned A	A 40.00 Federal owned A
E 40.00 Federal owned	F 40.00 Federal owned	G 40.00 Federal owned A	H 40.00 Federal owned

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

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/27/99 15:19:56
OGOMES -TPGH
PAGE NO: 2

Sec : 33 Twp : 29N Rng : 13W Section Type : NORMAL

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

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

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

07/27/99 15:20:56
OGOMES -TPGH

API Well No : 30 45 7740 Eff Date : 05-23-1996 WC Status : A
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
OGRID Idn : 149052 ELM RIDGE RESOURCES INC
Prop Idn : 18145 G H CALLOW

Well No : 002
GL Elevation: 5840

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: B	33	29N	13W	FTG 890 F N	FTG 1750 F E	P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : F

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

M0025: Enter PF keys to scroll

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



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

June 7, 1996

Elm Ridge Resources, Inc.
P. O. Box 3936
Farmington, New Mexico 87499
Attention: Doug Endsley

Administrative Order NSL-477-A

Dear Mr. Endsley:

Reference is made to your application dated May 30, 1996 for a non-standard Basin-Fruitland coal gas well location for your existing G. H. Callow Well No. 6 (API No. 30-045-20733), which was drilled in 1971 and completed in the West Kutz-Pictured Cliffs Pool at an unorthodox gas well location for said Pictured Cliffs interval (approved by Division Administrative Order NSL-477, dated December 22, 1970), 2340 feet from the North line and 2420 feet from the East line (Unit G) of Section 28, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico.

It is our understanding that the Pictured Cliffs interval in said wellbore is abandoned and said well has been recompleted into the Basin-Fruitland Coal (Gas) Pool, which pursuant to the "*Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool*", as promulgated by Division Order No. R-8768, as amended, is also unorthodox.

By the authority granted me under the provisions of Rule 8 of said Order No. R-8768, as amended, the above-described unorthodox coal gas well location for the G. H. Callow Well No. 6 is hereby approved.

Said Original Order NSL-477 shall be placed in abeyance until further notice.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay". The signature is written in a cursive style and is positioned above the typed name and title.

William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U.S. Bureau of Land Management - Farmington
File: NSL-477

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.

5. Lease Designation and Serial No.
NM-0468126

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

7. If Unit or CA, Agreement Designation
N/A

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Elm Ridge Resources, Inc.

3. Address and Telephone No.
312 West La Plata Street Farmington, NM 87401 505-326-7099

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
850' FNL & 1780" FWL
Sec. 33-T29N-R13W

8. Well Name and No.
Callow #7

9. API Well No.

10. Field and Pool, or Exploratory Area
West Kutz P.C.

11. County or Parish, State
San Juan County, NM

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Work completed 1-14-99 to 1-17-99.
MIRU Wayne Smith Drilling. Drilled 8 1/4" hole to 250'. Ran 6 jts., 7", J-55, 23# casing set @ 246'. Cement w/Cementers Inc. w/100 sks. Class "B" w/2% CaCl and 1/4# per sk. Flocele. Circulated 6 bbls. to surface. WOC 12 hrs. Drilled 6 1/4" hole to 1740'. Ran 41 jts. 4 1/2", J-55, 10.5# casing. Set @ 1738'. Cemented w/100 Skes., 2% CC - 1/4# sk. cello, 75 sks neat - 1/4# sk cello. Bump plug w/1200 PSI, Plug down 2:30 PM, 1-17-99. Circ. 4 bbls cement to pit.

RECEIVED
BLM
JAN 25 PM 3:13
FARMINGTON, NM

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

Signed [Signature] Title Operations Manager Date 1-18-99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

ACCEPTED FOR RECORD

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.

FEB 12 1999

*See Instruction on Reverse Side

NMCOO

FARMINGTON FIELD OFFICE
BY _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

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

2. NAME OF OPERATOR
 Elm Ridge Resources, Inc. (505) 326-7099 149052

3. ADDRESS AND TELEPHONE NO.
 312 West LaPlata St., Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 850' FNL & 1780' FWL
 At proposed prod. zone: Same

5. LEASE DESIGNATION AND SERIAL NO.
 NM-0468126

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

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME WELL NO.
 18145 Callow #7

9. API WELL NO.
 30-045-29520

10. FIELD AND POOL, OR WILDCAT #
 W. Kutz Pic. Cliff

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 33-29n-13w NMPM

12. COUNTY OR PARISH
 San Juan

13. STATE
 NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 3 air miles S of Farmington, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1,780'

16. NO. OF ACRES IN LEASE
 1,560

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 56'

19. PROPOSED DEPTH
 1,750'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,841' ungraded ground

22. APPROX. DATE WORK WILL START*
 Upon Approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-1/4"	7" (J-55)	23#	250'	~60 cu ft & to surface
6-1/4"	4-1/2" (J-55)	10.5#	1,750'	~315 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.

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

RECEIVED
JAN 22 1998
OIL CON. DIV.
DIST. 3

RECEIVED
JAN 11 1998
JAN 12 1998
11:22

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 1-5-98

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JAN 20 1998

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 /s/ Duane W. Spencer TITLE _____ DATE JAN 20 1998

*See Instructions On Reverse Side

NMOOD

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

State of New Mexico
 Energy, Minerals & Natural Resources Department

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

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

23 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* APT Number 30-045-29520		* Pool Code 79680	* Pool Name West Kutz Pictured Cliffs
* Property Code 18145	* Property Name Callow		* Well Number # 7
* GRID No. 149052	* Operator Name ELM RIDGE RESOURCES, INC.		* Elevation 5841'

¹⁰ Surface Location

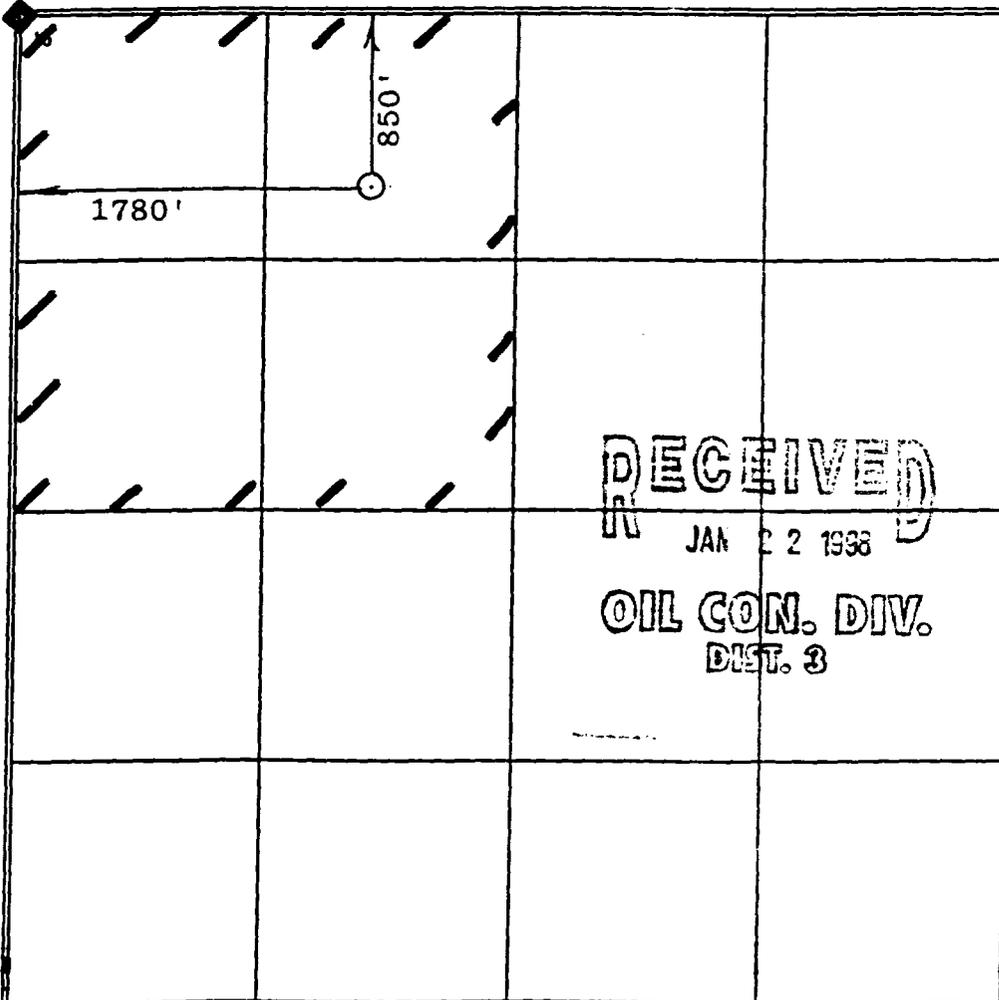
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	33	29 N	13W		850	North	1780	West	San Juan

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION

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

Brian Wood
 Signature
 Printed Name Brian Wood
 Title Consultant
 Date January 5, 1998

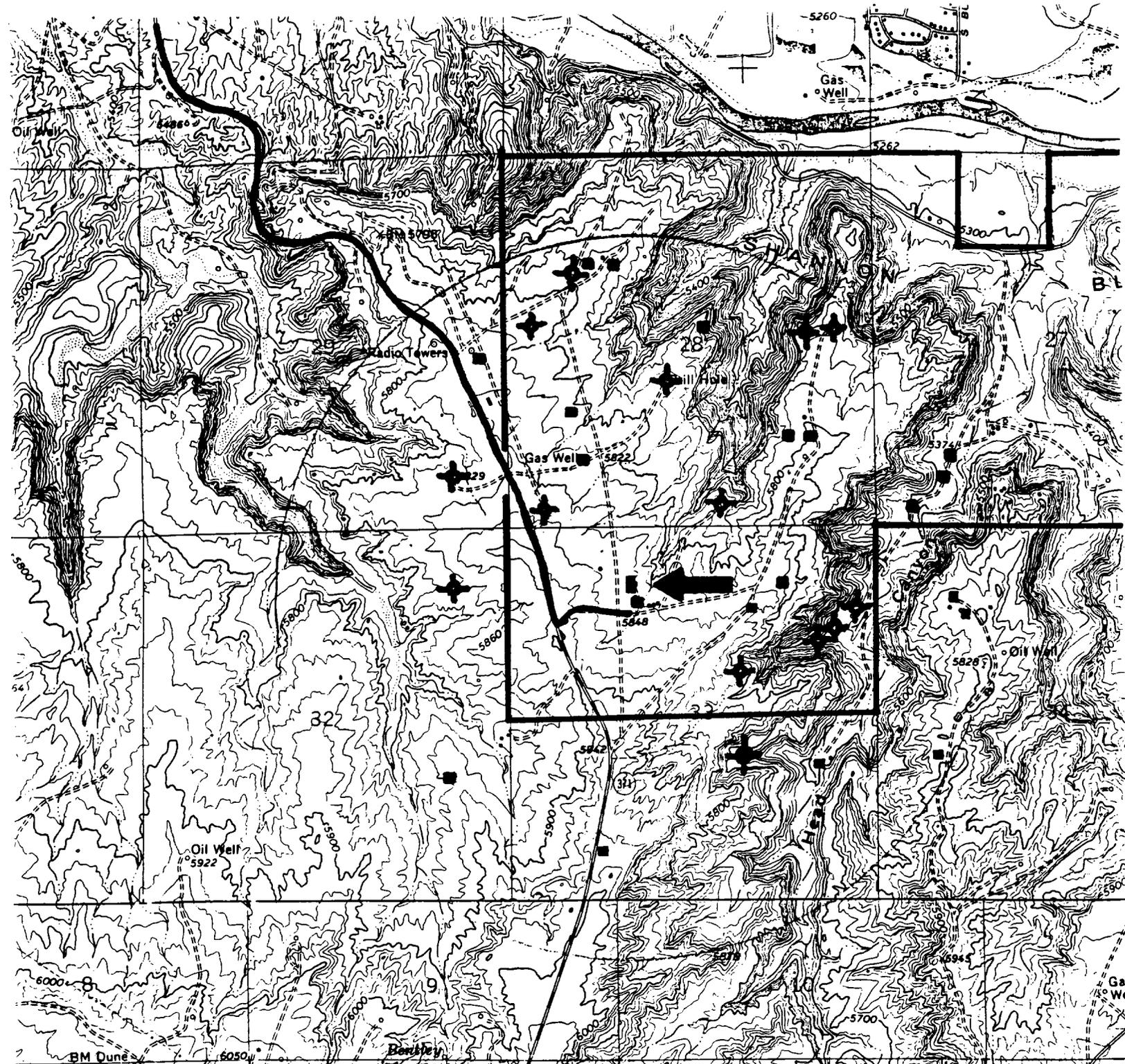
¹⁸ SURVEYOR CERTIFICATION

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

G. HUBBARD
 Date of Survey
 Signature and Seal of Professional Surveyor
 NEW MEXICO
 6844
 REGISTERED LAND SURVEYOR
 6844

Certificate Number

Elm Ridge Resources, Inc.
Callow #7
850' FNL & 1780' FWL
Sec. 33, T. 29 N., R. 13 W.
San Juan County, NM



PROPOSED WELL: 

EXISTING WELL: 

LEASE LINE: 

ROAD: 

District I
PO Box 1900, Hobbs, NM 88241-1900
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to: Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address ELM RIDGE Resources Inc. (505-326-7099) 202 S. W. Auburn Farmington, NMex. 87401		OGRID Number 149052
		Reason for Filing Code RC
API Number 30-04520733	Pool Name BASIN FULTON	Pool Code 71629
Property Code 18145	Property Name G. H. CALLOW	Well Number #6

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
G	28	29N	13W		2340'	NORTH	2420'	EAST	SAN JUAN

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
" Lee Code	" Producing Method Code	" Gas Connection Date	" C-129 Permit Number	" C-129 Effective Date	" C-129 Expiration Date				

III. Oil and Gas Transporters

" Transporter OGRID	" Transporter Name and Address	" POD	" OIG	" POD ULSTR Location and Description
007057	EL PASO NATL. GAS PO BOX 4990 FARMINGTON, NMEX 87499	2817463		

RECEIVED
MAY 24 1996

IV. Produced Water

" POD 2817464	" POD ULSTR Location and Description DIST. 3
------------------	---

V. Well Completion Data

" Spud Date	" Ready Date	" TD	" PBTD	" Perforations
1/20/71	5/22/96	1752'	1467'	1425'-1438'
" Hole Size	" Casing & Tubing Size	" Depth Set	" Sacks Cement	
12 1/4"	8 5/8"	200'	100 SX	
7 5/8"	5 1/2"	1752'	110 SX	
5 1/2"	2 3/8" Tubing	1407'	—	

VI. Well Test Data

" Date New Oil	" Gas Delivery Date	" Test Date	" Test Length	" Tbg. Pressure	" Csg. Pressure
	ON APPROVAL	5/23/96	3 hrs	200	200
" Casing Size	" Oil	" Water	" Gas	" AOF	" Test Method
3/4"	—	2 BWPD	60 MCF6		

" 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: *Don E. Endsley*
Printed name: Don E. Endsley
Title: OPERATIONS MANAGER
Date: 5-23-96
Phone: 505-326-7099

6-12-96 OIL CONSERVATION DIVISION
Approved by: *Gene Bush*
Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3
Approval Date: JUN 12 1996

" If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED

96 MAY 29 PM 3:56

070 FARMINGTON, NM

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. REVR. Other _____

3. NAME OF OPERATOR: ELM RIDGE Resources Inc

4. ADDRESS AND TELEPHONE NO.: PO Box 3936 Farmington New Mexico 87499 (505) 826-7099

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 2340' FNL & 2420' FBL
At top prod. interval reported below Same
At total depth Same

6. LEASE DESIGNATION AND SERIAL NO.: NM 0468126

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: USA

8. UNIT AGREEMENT NAME: _____

9. FARM OR LEASE NAME, WELL NO.: B.H. CALLOW 6-A

10. API WELL NO.: 3004520733

11. FIELD AND POOL, OR WILDCAT: Basin Fruitland

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 28-T29N-R13W

14. PERMIT NO.: 3004520733 DATE ISSUED: _____

15. DATE SPUDDED: 1/20/91 16. DATE T.D. REACHED: _____ 17. DATE COMPL. (Ready to prod.): 5/23/96 18. ELEVATIONS (OF RKB, RT, GR, ETC.): 5747' GL 19. ELEV. CASINGHEAD: _____

20. TOTAL DEPTH, MD & TVD: 1752' 21. PLUG BACK T.D., MD & TVD: 1467' 22. IF MULTIPLE COMPL., HOW MANY? 1 23. INTERVALS DRILLED BY: ALL ROTARY TOOLS: _____ CABLE TOOLS: _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 1425'-1438' (KA) Basin Fruitland 25. WAS DIRECTIONAL SURVEY MADE: ?

26. TYPE ELECTRIC AND OTHER LOGS RUN: COMPENSATED NEWTON LOG 27. WAS WELL CORRED: NO

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	36	200'	12 1/4"	100 SK TO SURFACE	
5 1/2"	17	1752'	7 5/8"	110 SK TO SURFACE	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	1407' KB	

31. PERFORATION RECORD (Interval, size and number)

1425'-1438' w/ 45PF 00 = .5"
FORMATION BROKE DOWN @ 3338 #
ATP 3368 #, AIR 496PM, ISIP 1903 #

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1425'-1438'	427,394 SCF 70 QUALITY FOAM @ 60,000 # 20140 ARIZONA SAND DOWN 2 7/8" TUBING

33. PRODUCTION

DATE FIRST PRODUCTION: 5/23/96 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing WELL STATUS (Producing or shut-in): SHUT-IN

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/23/96	3	3/4"	→		7.5		

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
5	22	→		60		

34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.): FLARED - NO SACS. SI WAITING ON C-104 approval TEST WITNESSED BY: TOM BERGIN

35. LIST OF ATTACHMENTS: ACCREAGE DEDICATION PLAT

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE: OPERATIONS MANAGER DATE: MAY 30 1996

ACCEPTED FOR RECORD

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

FARMINGTON DISTRICT OFFICE

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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
BASIN FRUITLAND	1425'	1444'	GAS ZONE, COALS, see reverse for detail	FRUITLAND	FROM RD	
				PICTURED CLIFFS	1425'	1472'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

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

SUNDRY NOTICES AND REPORTS ON WELLS

6 MAY 28 AM 12:27 PM 0468126

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.

000 FARMINGTON, NM

5. Lease Designation and Serial No. _____

6. If Indian, Allottee or Tribe Name
USA

7. If Unit or CA, Agreement Designation _____

8. Well Name and No.
GH CALLOW #6

9. API Well No.
3004520733

10. Field and Pool, or Exploratory Area
BASIN FULTONS

11. County or Parish, State
SAN JUAN, NM

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well
 Gas Well
 Other

2. Name of Operator
ELM RIDGE RESOURCES, INC.

3. Address and Telephone No.
PO BOX 3936 FARMINGTON, NEW MEXICO 87499 (505) 326-7099

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2340' ANL & 2420' FEL
Sec. 28-T29N-R13W

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 checked="" 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 type="checkbox"/> Other _____
	<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 on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. TIT w/ 2 7/8" work string and packer. Set packer @ 1208' RB
2. RU HES and frac. w/ 60,000 # 20/40 ARIZONA SAND and 427,394 SCF 70 quality NITROGEN FOAM. ISIP 1903 psi, ATP 3368 psi, AIR 49 BPM
3. MIRR Big A well service and clean out to PBTD of 1467' LD 2 7/8" RU 2 and @ 1407' RB
4. SWI waiting on gas tie-in.

RECEIVED
MAY 31 1996
OIL CON. DIV.
DIST. 3

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

Signed Way Trubley Title OP. MANAGER Date 5-23-96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

ACCEPTED FOR RECORD

MAY 29 1996

FARMINGTON DISTRICT OFFICE

BY W

Hold C-104 PMS 56

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

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-102
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3004520733		² Pool Code 71629		³ Pool Name BASIN FRUITLAND COAL	
⁴ Property Code		⁵ Property Name G. H. CALLOW			⁶ Well Number 6- 1
⁷ OGRID No.		⁸ Operator Name ELM RIDGE RESOURCES, INC.			⁹ Elevation 5747' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	28	29N	13W		2340'	NORTH	2420'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 7.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>RECEIVED MAY 31 1996</p> <p>OIL CON. DIV. DIST. 3</p> <p>2340'</p> <p>0 --- 2420' ---</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>Doug Endsley</i> Signature</p> <p>Doug Endsley Printed Name</p> <p>OPERATIONS MANAGER Title</p> <p>5/29/96 Date</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

5. Lease Designation and Serial No.

52 NM 0468126

6. If Indian, Allottee or Tribe Name

USA

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.

G.H. CALLOW #6-X

2. Name of Operator
ELM RIDGE RESOURCES, Inc.

9. API Well No.

3004520733

3. Address and Telephone No.
PO BOX 3936 FARMINGTON New Mexico 87499 (505) 326-7099

10. Field and Pool, or Exploratory Area

W. Kutz PC

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

11. County or Parish, State

2340' FNL ; 2420' FEL Sec. 28-T29N-R13W

SAN Juan, NMex.

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 checked="" type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<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 on Well Completion or Recompletion Report and Log form.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Set CIBP @ 1467' dump 1st cement on top in 5 1/2 CASING.
2. Ran CBL 1467' - surface
3. Ran CNL 1467' - surface
4. Perforate 1425'-1438' w/4SPF -.51" hole, 19 grams charges work completed by General Minerals Corp. prior to ELM RIDGE taking over well.

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APR 26 1996

OIL CON. DIST.
DIST. 2

RECEIVED
APR 22 PM 2:19

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

Signed Doug Endrey

Title OPERATIONS MANAGER

Date 4-19-96

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____ Date _____

ACCEPTED FOR RECOF.

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.

*See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

APR 29 1996

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

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-102
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Held 9-104 for NSL
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 BLM
 96 MAY 29 PM 3:56 52
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 3004520733		2 Pool Code		3 Pool Name Bwin FRT. Coal	
4 Property Code		5 Property Name G. H. CALLOW			6 Well Number 6-4
7 OGRID No.		8 Operator Name ELM RIDGE RESOURCES, INC.			9 Elevation 5747.6L

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	28	29N	13W		2340'	NORTH	2420'	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
---------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	2340'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature: <i>Doug Endsley</i> Printed Name: DOUG ENDSLEY Title: OPERATIONS MANAGER Date: 5/29/96	
	0 --- 2420' ---			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: Signature and Seal of Professional Surveyer: ACCEPTED FOR RECORD Certificate Number:
	RECEIVED JUN - 8 1996 OIL & GAS DIV. DIST. 5			

MAY 30 1996

FARMINGTON DISTRICT OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
ELM RIDGE RESOURCES, Inc.

3. ADDRESS OF OPERATOR
PO BOX 3936 FARMINGTON, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 2340' FNL & 2420' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 MILES SOUTH OF FARMINGTON New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
240'

16. NO. OF ACRES IN LEASE
1560'

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

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

19. PROPOSED DEPTH
1467'

20. ROTARY OR CABLE TOOLS
—

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5753' KB

22. APPROX. DATE WORK WILL START*
MAY 1996

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"	36	200	100 SX
7 5/8"	5 1/2"	17	1752	110 SX

5 1/2" CIBP has been set @ 1467' and Fruitland Formation was perforated from 1425' - 1438' w/4SPF, perf's were acidized and well was shut-in by previous operator. ELM Ridge proposes to perforate additional Fruitland coal section w/4SPF and frac w/70 quality Foam : 60,000* 20/40 BRADY SAND

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OIL CON. DIV.
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MAY 22 PM 2
M MAIL RD

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 Dary Endrey TITLE OPERATIONS MANAGER DATE 4-19-96

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____
Hold 0-104 For NISL
APPROVED
APR 23 1996
DISTRICT MANAGER

*See Instructions On Reverse Side

District I
PO Box 1900, Hobbs, NM 88241-1900

District II
PO Drawer DD, Aramco, NM 88211-0719

District III
1900 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address ELM RIDGE Resources, Inc. 4425 Greenville Ave. Ste. 1305 DALLAS, TEXAS. 75206 (214)696-8090		OGRID Number 149052
		Reason for Filing Code CH eff. 12-12-95
API Number 30-04520733	Pool Name WEST KUTZ PICTURED CLIFFS	Pool Code 79680
Property Code 18145	Property Name G. H. Callow	Well Number #6

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Foot from the	North/South Line	Foot from the	East/West Line	County
G2	28	29N	13W		2340'	NORTH	2420'	EAST	SAN JUAN

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Foot from the	North/South Line	Foot from the	East/West Line	County

Lea Code F	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	-----------------------	---------------------	---------------------	----------------------	-----------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	OIG	POD ULSTR Location and Description
007057	EL PASO NATURAL GAS PO Box 4490 FARMINGTON, WY 82499	2816487	G	

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JAN 17 1996

IV. Produced Water

POD 2816488	POD ULSTR Location and Description
----------------	------------------------------------

OIL CON. DIV.
DIST. 3

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations

Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Thg. Pressure	Cog. Pressure

Choke Size	Oil	Water	Gas	ADP	Test Method

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

Signature: *Doug Endsley*
Printed name: Doug Endsley
Title: Geologist
Date: 1-17-96 Phone: 505-326-9099

OIL CONSERVATION DIVISION

Approved by: *378*
Title: SUPERVISOR DISTRICT #3
Approval Date: JAN 17 1996

If this is a change of operator fill in the OGRID number and name of the previous operator

General Minerals Corp
Previous Operator Signature: _____ Printed Name: _____ Title: _____ Date: _____

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OCT 25 1988

OIL CON. DIV

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator General Minerals Corporation

Address P.O. Box 1289 130 S. Main Noble, OK 73068

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

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

Change of Operator

If change of ownership give name and address of previous owner PetroCorp.

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>G. H. Callow</u>	Well No. <u>6A</u>	Pool Name, including Formation <u>(W. KUTZ PC)</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No.
Location				
Unit Letter <u>G</u>	<u>2340</u> Feet From The <u>N</u> Line and <u>9420</u> Feet From The <u>E</u>			
Line of Section <u>28</u>	Township <u>29N</u>	Range <u>13W</u>	NMPM, <u>San Juan</u> County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>EPNG Co.</u>	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

K. K. Krawinkel
(Signature)

President
(Title)

9-29-88
(Date)

OIL CONSERVATION DIVISION

OCT 25 1988

APPROVED _____, 19____

BY Samuel J. Shuff

TITLE SUPERVISION DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable 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.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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FILE		
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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

I. OPERATOR

Operator: PetroCorp

Address: Suite 300, North Atrium, 16800 Greenspoint Park Drive, Houston, Texas 77060

Reason(s) for filing (Check proper box):
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate

Other (Please explain): Effective date 4-1-87

If change of ownership give name and address of previous owner: W. M. Gallaway, 3005 Northridge Dr., Suite I, Farmington, N.M. 87401

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>G. H. Callow</u>	Well No. <u>6</u>	Pool Name, Including Formation <u>Kutz Pictured Cliffs (West)</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No. <u>0468126</u>
Location Unit Letter <u>G</u> : <u>2340</u> Feet From The <u>North</u> Line and <u>2420</u> Feet From The <u>East</u> Line of Section <u>28</u> Township <u>29 North</u> Range <u>13 West</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas Co.</u>	<u>P. O. Box 1492 El Paso, Texas 79978</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit Sec. Twp. Rge.	<u>Yes</u> <u>1972</u>

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Text 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

MAR 30 1987

GAS WELL

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

VI. CERTIFICATE OF COMPLIANCE

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

PETROCORP

By: Francis Barry
(Signature)
Operations Manager
(Title)
3-27-87

OIL CONSERVATION COMMISSION

APPROVED MAR 30 1987
BY Frank J. Gandy
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for all wells on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of own...

NO. OF COPIES RECEIVED	4
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	1
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-1
Effective 1-1-65

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I. Operator
W. M. GALLAWAY

Address
101-2 Petroleum Plaza Building, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate

Other (Please explain)

If change of ownership give name and address of previous owner

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MAY 26 1971
OIL CONSERVATION COMMISSION

II. DESCRIPTION OF WELL AND LEASE

Lease Name **G. H. Callow** Well No. **6** Pool Name, including Formation **West Kutz Pictured Cliffs** Kind of Lease **Fed.** Lease No. **0468126**

Location
Unit Letter **G**; **2340** Feet From The **North** Line and **2420** Feet From The **East**

Line of Section **28** Township **29 North**, Range **13 West**, NMPM, **San Juan** County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil or Condensate
None Address (Give address to which approved copy of this form is to be sent)

Name of Authorized Transporter of Casinghead Gas or Dry Gas
El Paso Natural Gas Co. Address (Give address to which approved copy of this form is to be sent)
Box 1492, El Paso, Texas 79999

If well produces oil or liquids, give location of tanks. Unit **N/A** Sec. Twp. Rge. Is gas actually connected? **No** When **Soon as El Paso lays line**

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 1/20/71	Date Compl. Ready to Prod. 7/14/71	Total Depth 1752'		P.B.T.D. 1689'				
Elevations (DF, RKB, RT, GR, etc.) 5747' GR	Name of Producing Formation Pictured Cliffs	Top Oil/Gas Pay 1472' - 1510'		Tubing Depth 1511.74				
Perforations 1472' - 1510'				Depth Casing Shoe 1751.73				

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4"	8 5/8"	200	100 sx
7 5/8"	5 1/2"	1751.73	110 sx

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top 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 960 MCF	Length of Test 3 hrs.	Bbls. Condensate/MMCF TSTM	Gravity of Condensate
Testing Method (pitot, back pr.) Pitot tube	Tubing Pressure (shut-in) 208	Casing Pressure (shut-in) 210	Choke Size Open flow 1" tubing

VI. CERTIFICATE OF COMPLIANCE

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

W M Gallaway
(Signature)

(Title)

OIL CONSERVATION COMMISSION

APPROVED **8-16-**, 19 **71**
BY **C. J. [Signature]**
TITLE **SUPERVISOR DIST. #3**

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviator tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable 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.

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

USA NE 0468126

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECOVER

UNIT AGREEMENT NAME

AUG 10 1971

8. FARM OR LEASE NAME

G.M. Galloway

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

West Kutz P.C.

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

Sec. 28, 29, 137

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

19. ELEV. CASING HEAD

5747

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESSVR. Other _____

2. NAME OF OPERATOR
W. G. Galloway

3. ADDRESS OF OPERATOR
101-2 Petroleum Plaza Bldg., Farmington, N. M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2340' FNL, 2420' SEL
At top prod. interval reported below 1472'
At total depth 1752'

ILLEGIBLE

14. PERMIT NO. _____ DATE ISSUED 12/24/70

15. DATE SPUNDED 1/20/71 16. DATE T.D. REACHED 1/24/71 17. DATE COMPL. (Ready to prod.) 7/14/71 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 5753 RB 19. ELEV. CASING HEAD 5747

20. TOTAL DEPTH, MD & TVD 1752' 21. PLUG, BACK T.D., MD & TVD 1639' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS - CABLE TOOLS - 10-1752

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1472 - 1510 - Pictured Cliffs 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Scalumberger - II, SD, Sonic and Gamma Ray 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
3 5/8"	36	200	12 1/4	100 SX	
5 1/2"	17	1751.73	7 5/8	110 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD	DEPT. SET (MD)	BUCKER SET (MD)
					1"	1511.74	None

31. PERFORATION RECORD (Interval, size and number) 1472 - 1510 / 48 - .47 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1472 - 1510	16,360 gallons water and 15,000 lbs. 10/20 sand fracture treatment

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/14/71	Flowing from 1" tubing through 1" line	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/14/71	3 hrs.	pitot tube		1574	210	1574	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
27 lbs.	210		1574	960	1574	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY W. G. Galloway & Carl Starkey

35. LIST OF ATTACHMENTS None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W. G. Galloway TITLE Owner - Operator DATE 7/16/71

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Harrington and	400	710	Sand and shale
Fruitland	1195	1202	Sand
Pictured Cliffs	1470	1650	Sand and shale streaks

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Harrington	400		
Fruitland	1195		
Pictured Cliffs	1470		

ILLEGIBLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
USA HM 0468126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
USA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
G.H. Callow

9. WELL NO.
6

10. FIELD AND POOL, OR WILDCAT
West Kutz P.C.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28, 29N, 13W

12. COUNTY OR PARISH
San Juan

13. STATE
N. M.

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
W. N. Callaway

3. ADDRESS OF OPERATOR
101-2 Petroleum Plaza Bldg., Farmington, N. M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2340' FNL, 2420' FEL
ILLEGIBLE

14. PERMIT NO.
Dated 12/24/70

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5747 gr.

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 checked="" type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" 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.)*

Run 200' of 3 5/8" - 36" surface casing and cement with 100 sacks.

Run 1800' of 5 1/2" - 47" long string and cement with 100 sacks.

Plan to perforate from 1490 to 1510 and fracture treat with 18,000 gal. of water and 15,000 lbs. of 10-20 sand.



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

SIGNED W. N. Callaway TITLE Operator DATE 1/13/71

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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 reopen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT TO DRILL" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO. USA NE 0468120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME USA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME GH Galloway

9. WELL NO. 0

10. FIELD AND POOL, OR WILDCAT West Kutz P.C.

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 28, 29N, 13W

12. COUNTY OR PARISH San Juan

13. STATE N. M.

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR G. H. Galloway

3. ADDRESS OF OPERATOR 101-2 Petroleum Plaza Bldg., Farmington, N. M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 2340' PNL, 2420' PNL

14. PERMIT NO. Dated 12/24/70

15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5747 Gr.

RECEIVED
AUG 20 1971
ILLEGIBLE

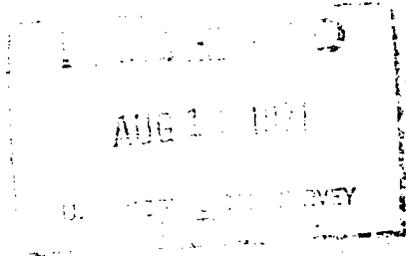
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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 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.)*

Set 1751.73' of 5 1/2" - 17' long string and cemented with 110 sacks. Perforated from 1472 to 1510 and fracture treated with 16,360 gal. of water and 15,000 lbs. of 10 - 20 sand. Treated satisfactorily.



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

SIGNED G. H. Galloway TITLE Operator DATE 4/26/71

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

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.

5. LEASE DESIGNATION AND SERIAL NO.

USA FNL 0468126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

USA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

GH Callow

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

West Sutz P.O.

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

Sec. 28, 29N, 13W

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

G. M. Callaway

3. ADDRESS OF OPERATOR

101-2 Petroleum Plaza Bldg., Farmington, N.M.

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

2340' FNL, 2420' FNL

14. PERMIT NO.

Dated 12/24/70

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

5747 Gr.

12. COUNTY OR PARISH

San Juan

13. STATE

N. M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

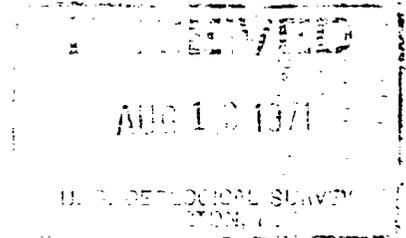
ALTERING CASING

ABANDONMENT*

(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.)*

Set 200' of 8 5/8" - 36# surface casing and cemented with 100 sacks with good returns. Waited on cement 10 hours. Pressure tested to 300 p.s.i. for 30 min. No decrease in pressure. Test satisfactory.



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

SIGNED

G. M. Callaway

TITLE

Operator

DATE

1/21/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

2. NAME OF OPERATOR
W. M. Gallaway

3. ADDRESS OF OPERATOR
101-2 Petroleum Plaza Bldg., Farmington, N. M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **2340' FNL, 2420' FEL**
At top prod. interval reported below **1472'**
At total depth **1752'**

14. PERMIT NO. _____ DATE ISSUED **12/24/70**

5. LEASE DESIGNATION AND SERIAL NO.
USA NM 0468126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
USA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Callow

9. WELL NO.
6

10. FIELD AND POOL, OR WILDCAT
West Kutz P.C.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 28, 29N, 13W

12. COUNTY OR PARISH
San Juan

13. STATE
N.M.

15. DATE SPUDDED **1/20/71** 16. DATE T.D. REACHED **1/24/71** 17. DATE COMPL. (Ready to prod.) **7/14/71** 18. ELEVATIONS (DF, BEB, RT, GR, ETC.)* **5753** 19. ELEV. CASINGHEAD **5747**

20. TOTAL DEPTH, MD & TVD **1752'** 21. PLUG. BACK T.D., MD & TVD **1689'** 22. IF MULTIPLE COMPL., HOW MANY* **-** 23. APPROXIMATE TOOLS DRILLED BY _____ 24. CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
1472 - 1510 - Pictured Cliffs

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger - IE, FD, Sonic and Gamma Ray

25. WAS DIRECTIONAL SURVEY MADE
No

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	36	200	12 1/4	100 SX	
5 1/2"	17	1751.73	7 5/8	110 SX	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1"	1511.74	None

31. PERFORATION RECORD (Interval, size and number)

1472 - 1510 / 48 - .47 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1472 - 1510	16,860 gallons water and 15,000 lbs. 10/20 sand fracture treatment

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/14/71	Flowing from 1" tubing through 1" line	Shut-in

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/14/71	3 hrs.	Pitot tube	→	TSTM	210	TSTM	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
27 lbs.	210	→	TSTM	360	TSTM	

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

TEST WITNESSED BY
W. M. Gallaway & Carl Starkey

35. LIST OF ATTACHMENTS
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **W. M. Gallaway** TITLE **Owner - Operator** DATE **7/16/71**

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any), for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Stocks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	NAME	MEAS. DEPTH	TOP	TRUE WEST DEPTH
Farmington Sand	400	700	Sand and shale		Farmington	400		
Fruitland	1195	1208	Sand		Fruitland	1195		
Pictured Cliffs	1470	1650	Sand and shale streaks		Pictured Cliffs	1470		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

42
11
JAN 1971

CHANGE
OK
G. H. Callow

30-045-20733

5. LEASE DESIGNATION AND SERIAL NO.

USA NM 0468126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

USA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

G. H. Callow

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

West Kutz P.C.

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

Sec. 28, 29N -13W

12. COUNTY OR PARISH | 13. STATE

San Juan | N. M.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
W. M. Gallaway

3. ADDRESS OF OPERATOR
101-2 Petroleum Plaza Bldg., Farmington, N.M.

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

At proposed prod. zone 2340' FNL, 2420' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

3 Miles South of Farmington, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 220'

16. NO. OF ACRES IN LEASE 1560

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'

19. PROPOSED DEPTH 3000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5747' GL

22. APPROX. DATE WORK WILL START* 12-28-70

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 1/4"	8 5/8"	36.00	200	100 SX
6 3/4"	4 1/2"	9.50	1800	125 SX

Plan to mud drill through Pictured Cliffs formation and set production casing through productive zone, perforate casing, stimulate zone, run tubing and complete well.

RECEIVED
DEC 29 1970
OIL CON. COM.
DIST. 3

RECEIVED
DEC 28 1970
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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 W M Gallaway TITLE Operator DATE 12/24/70

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ga TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
DATE
DEC 24 1970
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator W. M. GALLAWAY Lease Callow Well No 6-

Unit Letter G Section 28 Township 29 NORTH Range 1 WEST County SAN JUAN

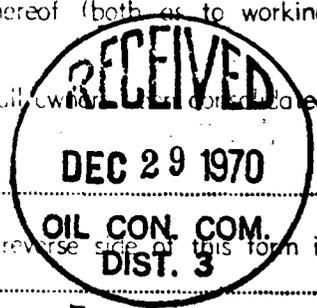
Actual Factors Location of Well: 2340 feet from the NORTH line and 2420 feet from the EAST line

Ground Level Elev. 5747.0 Producing Formation Pictured Cliffs Pool West Kutz P.C. Dedicated Acreage 160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communization, 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 consolidated. (Use reverse side of this form if necessary.) _____

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



CERTIFICATION

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

W. M. Gallaway
Name

Operator
Position

W. M. Gallaway
Company

12-24-70
Date

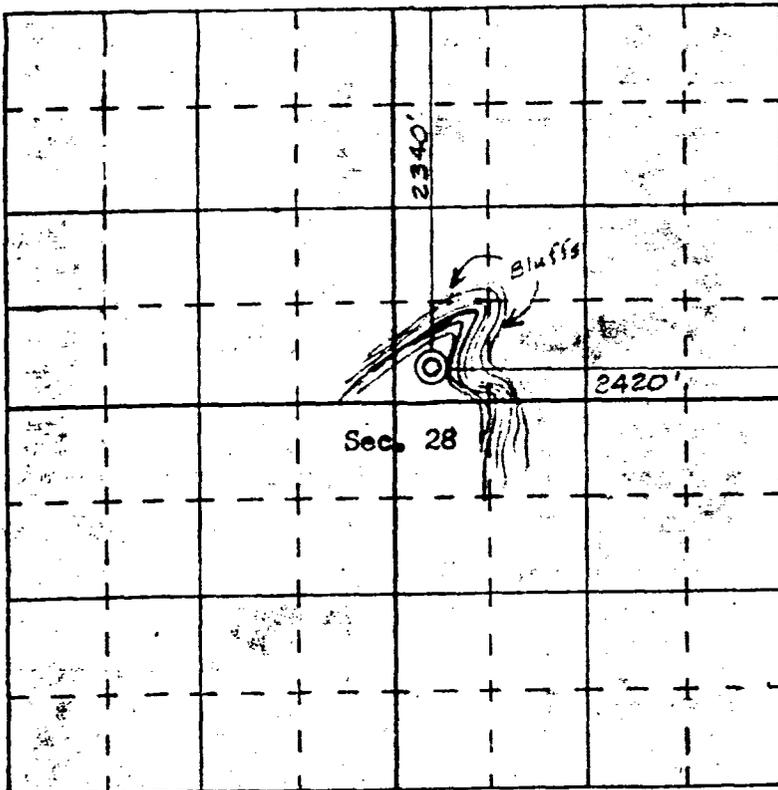
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

11 December, 1970
Date Surveyed

James P. Lense
Registered Professional Engineer
and/or Land Surveyor

JAMES P. LENSE

1463
Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

JAN 5 AM 8 13

7-4+71

Al Albarrin,

Could you please
pull your file for M. W. Galloway
and change the lease name on the
Callow # 61 S 28-29N-13W, to the G. D.
Callow # 61. This is a new intention
to drill mailed to you last week -

Thank you,
Beth Surpin

District I
PO Box 1904, Hobbs, NM 88241-1904
District II
PO Drawer DD, Artesia, NM 88211-4719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

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

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address ECM RIDGE RESOURCES, INC. PO BOX 3936 FARMINGTON, NEW MEXICO 87499 (505) 326-7099		OGRID Number 149052
		Reason for Filing Code RC
AFT Number 30-04507740	Pool Name BASIN FRUITLAND	Pool Code M1629
Property Code 18145	Property Name G. H. CALLOW	Well Number #2

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
B	33	29N	13W		890'	NORTH	1750'	EAST	SJ

Bottom Hole Location

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

" Loc Code	" Producing Method Code	" Gas Connection Date	" C-129 Permit Number	" C-129 Effective Date	" C-129 Expiration Date
------------	-------------------------	-----------------------	-----------------------	------------------------	-------------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
007057	EL PASO NATURAL GAS PO BOX 4990 FARM - NEW MEXICO	2817835	G	RECEIVED AUG 30 1996 OIL CON. DIV. DIST. 3 RECEIVED MAY 24 1996

IV. Produced Water

POD 2817836	POD ULSTR Location and Description
----------------	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	PSTD	Perforations
7/16/53	5/27/96	1596	1561	1462-1518' Gross
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
12 1/4"	8 5/8"	97'	80	
7 7/8"	5 1/2"	1561'	100	
5 1/2"	2 3/8"	1443'	—	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Thg. Pressure	Cap. Pressure
	ON APPROVAL	5/23/96	3 hrs	325	325
Choke Size	Oil	Flow	Gas	AOF	Test Method
3/4"	—	2 BWPD	65 MCF6		

" 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: *Doug Endsley*
Printed name: Doug Endsley
Title: OP. MANAGER
Date: 5-23-96 Phone: (505) 326-7099

8-30-96 OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: SUPERVISOR DISTRICT # 3
Approval Date: AUG 30 1996

" If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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.

5. Lease Designation and Serial No.

NM 0468126

Indian, Allottee or Tribe Name

USA

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ELM RIDGE RESOURCES Inc.

3. Address and Telephone No.

PO Box 3936 FARMINGTON, NMex 87499 (505) 326-7099

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

890' FNL ; 1750' FBL
Sec. 33-T29N-R13W

8. Well Name and No.

G H CALLOW #2

9. API Well No.

3004507740

10. Field and Pool, or Exploratory Area

Basin Fruitland

11. County or Parish, State

SAN Juan NMex

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other GAS SALES LINE

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ELM RIDGE RESOURCES, Inc. plans to tie the G H CALLOW #2 INTO ERNG gas line @ the location depicted on the attached surveyors plat. we propose to lay 377.45' of ERW, 2.375" O.D. line pipe (see attached MTR for pipe spec's.) we plan to start construction upon BLM approval

RECEIVED
JUL 1 2 1996

OIL CON. DIV.
DIST. 3

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

Signed

Doug Endrey

Title

OPERATIONS MANAGER

Date

6/10/96

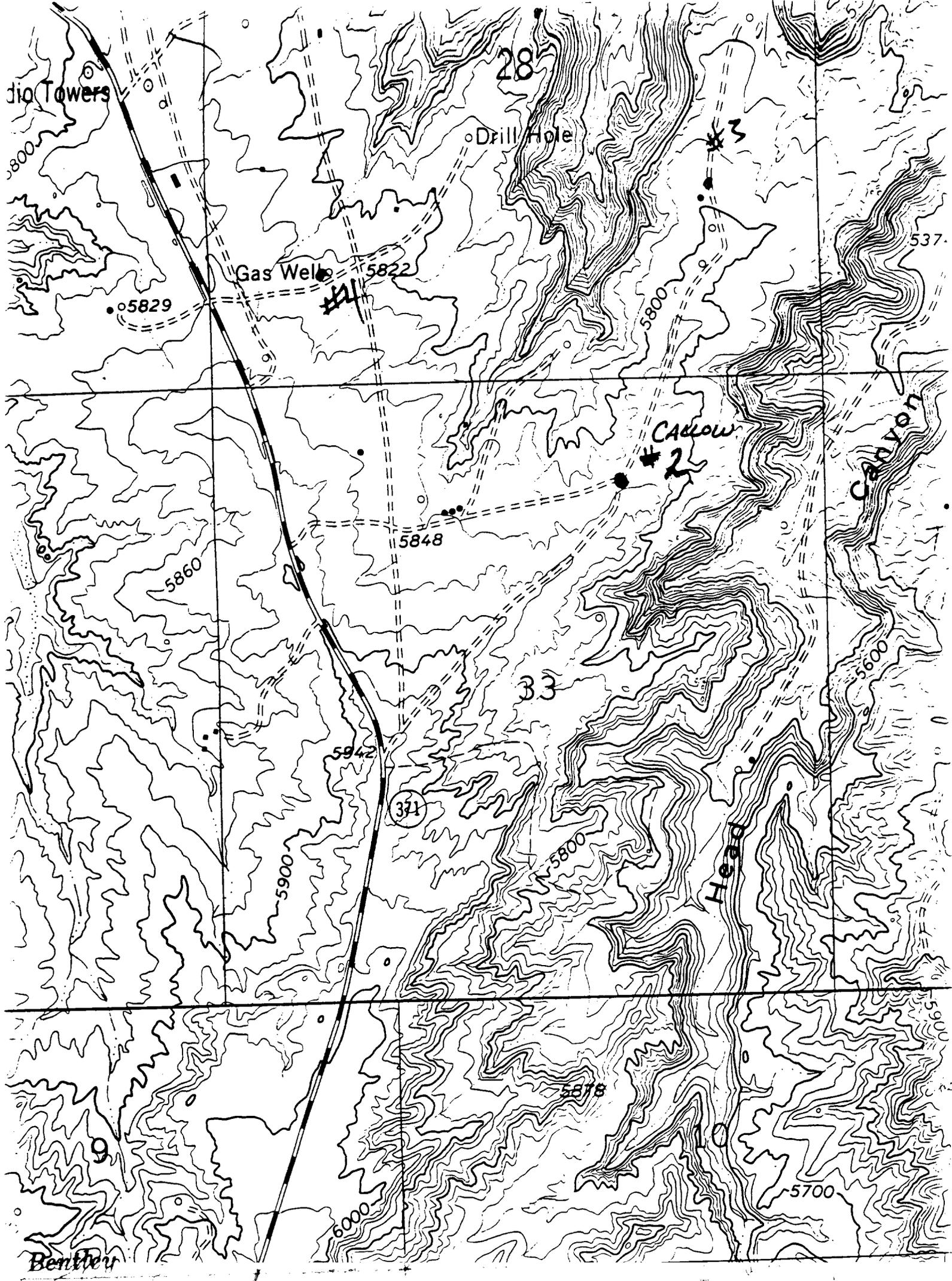
(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

JUL 1 0 1996



dio Towers

28

Drill Hole

Gas Well

#1

Callow

#2

Canyon

Head

Bentley

371

9

33

28

3

537

5900

5700

5978

5800

6000

5860

5942

5848

5822

5829

5800

5800



A unit of Steco Inc.
 Une unité commerciale de Steco Inc.

REPORT NO. 18761
 N° DE RAPPORT

METALLURGICAL TEST CERTIFICATE
 CERTIFICAT D'ESSAIS METALLURGIQUE

PIONEER PIPE & TUBE DISTRIBUTORS
 5520 EAST 104TH AVE.
 HENDERSON, CO
 USA 80640

PAGE: 1
 WORKSHEET NO. 032129
 DATE: 1994.06.23
 UTH 94

DESCRIPTION & SPECIFICATION / DESCRIPTION & NORME
 APISLX42/ASTM A53/API5L/SA53/B 92
 ERW HSR LINE PIPE APISLX
 42/ASTM A53/API5L/SA53/B
 2.375" OD X .154" WALL
 L.R./P.T
 3.65

CUSTOMER REPRESENTATIVE / REPRESENTANT DU CLIENT
 WORKS METALURGIST / METALLURGISTE D'USINES
 C. FILICE

HEAT OR LOT NO. / N° DE COULÉE / N° DE LOT
 CHEMICAL ANALYSIS / COMPOSITION CHIMIQUE

C	Mn	P	S	Si	Cu	Ni	C	V	Cb	CHARPY			TENSILE TEST RESULTS / RÉSULTATS D'ESSAI DE TRACTION		
										#1	#2	#3	A	B	%
518944	.20	.012	.008	140	0.19	0.03	.036	.004	.008	ND.004	ASA039	49.1	71.2	51	.69
617753	.19	.007	.008	150	0.13	0.07	.024	.002	.005	ND.003	ASA033	49.7	71.8	51	.69
418622	.21	.009	.010	140	0.16	0.06	.024	.003	.005	ND.006	ASA039	37	71.8	52	.70
617751	.20	.011	.007	150	0.10	0.03	.049	.003	.006	ND.003	ASMA40	35	51.2	50	.70
418636	.21	.009	.005	150	0.09	0.05	.047	.003	.006	ND.007	ASMA44	36	50.3	52	.69
617708	.19	.009	.006	150	0.13	0.05	.022	.002	.007	ND.006	ASMA035	33	49.7	71.2	.70

MECHANICAL TESTING / ESSAIS MÉCANIQUES	DIRECTION / DIRECTION	HEAT OR LOT NO. / N° DE COULÉE / N° DE LOT	HARDNESS / DURETE		CHARPY			SIZE / DIMENSION				
			ROCKWELL B	BM	#1	#2	#3	AVG.	#1	#2	#3	
FLAT / PLATISSAGE	DIRECTION	518944	76									
PIPE BEND / LIGNE N°	FLANGE / ÉVASSAGE	617753	79									
PASSED	FLANGE / COLLET	418622	80									
NEW FLAT / PLATISSAGE REW.		617751	78									
		418636	76									
		617708	77									

MECHANICAL TESTING / ESSAIS MÉCANIQUES	DIRECTION / DIRECTION	HEAT OR LOT NO. / N° DE COULÉE / N° DE LOT	HARDNESS / DURETE		CHARPY			SIZE / DIMENSION				
			ROCKWELL B	BM	#1	#2	#3	AVG.	#1	#2	#3	
FLAT / PLATISSAGE	DIRECTION	518944	76									
PIPE BEND / LIGNE N°	FLANGE / ÉVASSAGE	617753	79									
PASSED	FLANGE / COLLET	418622	80									
NEW FLAT / PLATISSAGE REW.		617751	78									
		418636	76									
		617708	77									

PHOTO (REV. 8-88)

ROOT SOURCE FACE

LOT NO.

ARCHAEOLOGICAL INFORMATION REPORT FORM

BLM/FDO 1/94

1. BLM Report No.	2. (For BLM Use Only)	3. Recipients Accession No. RECEIVED BLM
4. Title of Report: Cultural Resources Inventory of a Proposed pipeline for Elm Ridge Resources to tie into an Existing EPNG Pipeline in San Juan County, NM Author(s): Susan Barnett		5. Fieldwork Dates 96 JUN 25 PM 1:35 June 17, 1996 070 FARMINGTON, NM
7. Consultant Name and Address: Field Supervisor: Susan Barnett Org. Name: Southwest Archaeological Services, Inc. Org. Address: 119 N. Church Avenue Aztec, New Mexico 87410 Phone: (505) 334-1678		6. Report Date June 17, 1996
10. Sponsor Name and Address: Ind. Responsible: Doug Endsley Org. Name: Elm Ridge Resources Org. Address: 220 N. Auburn, Farmington, NM 87401 Phone: (505) 326-7099		8. Permit No. 98-2920-96-0
13. Location (Maps Attached): a. State: New Mexico b. County: San Juan c. District: Farmington d. Land Status: BLM-FD		9. Consultant Report No. 96-081S
14. a. Description of Undertaking: Inventory of proposed well-tie pipeline 40' x 377.45, along a staked right-of-way. b. Existing Data Review: Records at the BLM-FD were reviewed on June 17, 1996. There are no sites within the project area. There are 8 previously recorded sites within one mile of the project. c. Area Environmental/Cultural Setting: Dunal area atop Shannon Bluffs, approximately 4 miles south of Farmington, NM. Vegetation cover is from 0-5% and consists of very sparse juniper, with mormon tea, Indian rice grass and narrowleaf yucca. Elevation is 5848'. Soils are light tan sandy soils with small gravels. d. Field Methods: The staked right-of-way was inventoried by walking parallel transects to cover the 40' x 377.45' ROW plus a 50' cultural buffer zone along each side. An additional 100' x 100' area was inventoried at the EOL to serve as a TUA during construction. e. Artifacts Collected?: no		11. Sponsor Project No. 12. Area of Effect: <u>0.35</u> BLM <u> </u> Other Area Surveyed: <u>1.21</u> BLM <u> </u> other
15. Cultural Resource Findings: No cultural resources were located during the inventory. a. Location/Identification of Each Resource: N\A b. Evaluation of Significance of Each Resource (above):		13. e. Area: <u>T29N R 13W Sec 33 SE 1/4 NW 1/4 NE 1/4</u> f. Footages: g. 7.5' Map Name(s): Farmington South, NM
16. Management Summary (Recommendations): Cultural resource clearance is recommended for the well tie pipeline for Elm Ridge Resources.		

ILLEGIBLE

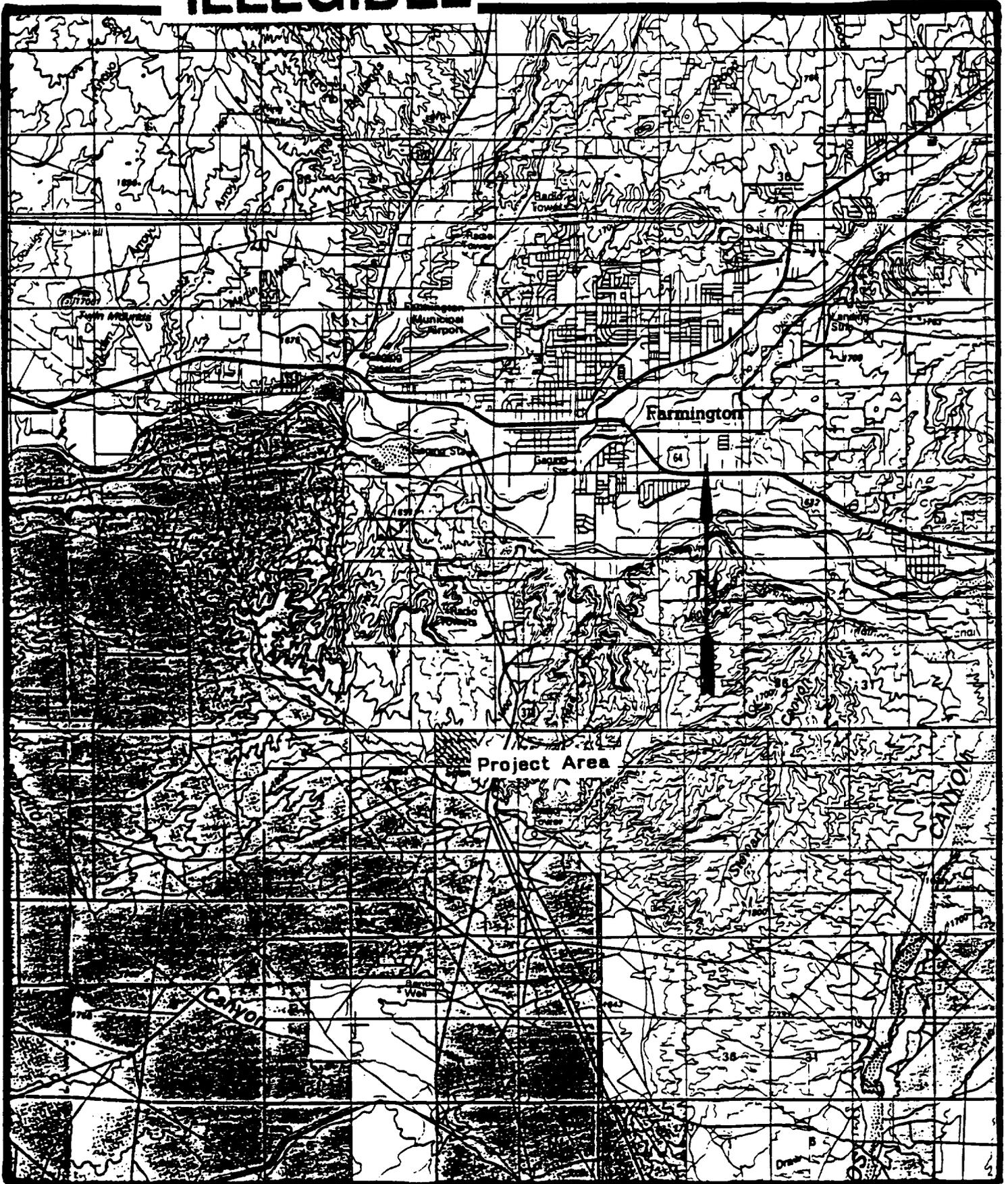


Figure 1.
General Project Area

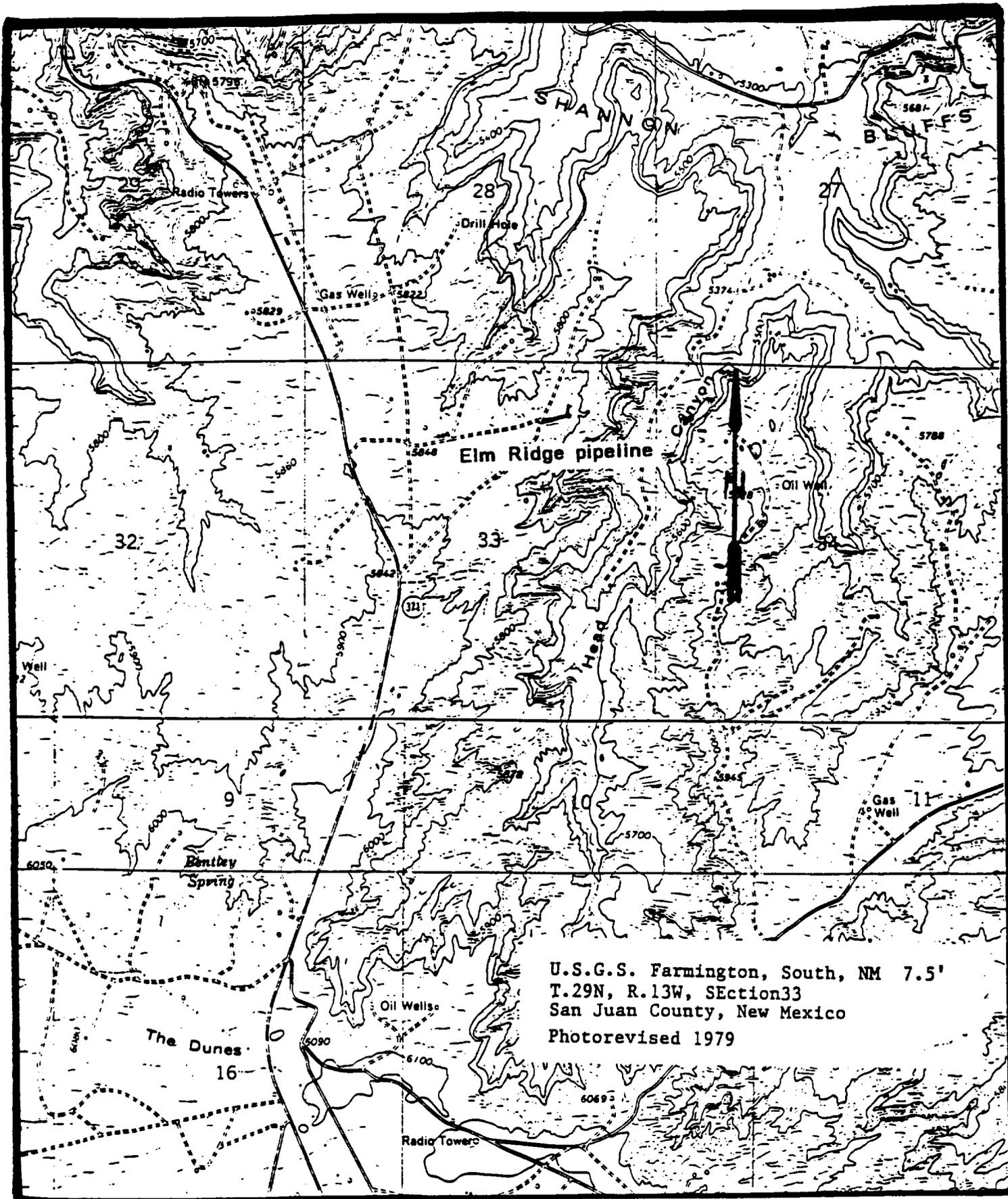


Figure 2. Project Area

NW CORNER
SEC. 33 T29N R13W N.M.P.M.
FOUND 3" PIPE WITH FLAT
PLATE WELDED ON TOP

BASIS OF BEARINGS

$N00^{\circ}03'00''W$
5272.09'

$S 80^{\circ}10'40'' E$ 3982.31' (TIE)

PIPELINE TOTALS
377.45 FEET
22.876 RODS

ROUND SW CORNER
SEC. 33 T29N R13W N.M.P.M.
FOUND 1913 GLO BRASS CAP
STANDARD CORNER

E.O.L.
STA. 3+77.45

DUSTING

CENTERLINE

$S 75^{\circ}16'22'' W$ 340.61'

P.I. #1
STA. 0+36.84

$S 44^{\circ}50'41'' W$
36.84'

0+00 BEGIN PIPELINE - CALLOW #2

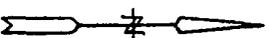
PROPOSED PIPELINE FOR ELM RIDGE RESOURCES

CALLOWAY NO. 2

A PROPOSED PIPELINE LOCATED IN THE NW/4 NE/4 OF
SECTION THIRTY-THREE (33) IN TOWNSHIP TWENTY-NINE (29) NORTH
OF RANGE THIRTEEN (13) WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
JUNE 7, 1996



SCALE: 1" = 50'



New Mexico
County Surveyors
101 W. 32ND STREET
FARMINGTON, NEW MEXICO
(505) 326-2959

GLO TOWNSHIP PLAT T29N R13W

RESOURCE LIST

I HEREBY CERTIFY THAT I AM THE
SURVEYOR RESPONSIBLE FOR THIS
SURVEY AND PLAT, AND THAT THIS
SURVEY MEETS THE MINIMUM STANDARDS
FOR LAND SURVEYS IN NEW MEXICO.

Cecil B. Tullis
CECIL B. TULLIS NM REG. 19672



INDEXING INFORMATION FOR COUNTY CLERK

OWNER : BOLACK MINERALS CO.
SECTION: 33
TOWNSHIP: 29 NORTH
RANGE: 11 WEST
COUNTY: SAN JUAN
STATE: NEW MEXICO
LOCATION: NW/4 NE/4

RECEIVED
BLM MAIL ROOM

'96 JUN 28 AM 8 52

SUNDRY NOTICES AND REPORTS ON WELLS

MAY 28 AM 12:27

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

STON, NM

5. Lease Designation and Serial No.
NM 8468126

6. If Indian, Allottee or Tribe Name
USA

7. If Unit or CA, Agreement Designation

8. Well Name and No.
G. H. CALLOW

9. API Well No.
#2

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND

11. County or Parish, State
SAN JUAN, NM

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
ELM RIDGE RESOURCES, Inc.

3. Address and Telephone No.
PO BOX 3936 FARMINGTON, NMEX. 87499 (505) 326-7099

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
890' FUL ; 1750' FEL
Sec. 33 - T29N - R13W

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 checked="" 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 type="checkbox"/> Other
	<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 on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. TIH w/ 2 7/8" work string and packer. Set packer @ 1347' KB.
2. RU HES and frac perforated intervals 1462'-1478' and 1504'-1518' w/ 567,329 SCF 70 quality NITROGEN FOAM and 80,000 # 20/40 ARIZONA sand. ISIP 1852*, ATP 3763*, AIR 30BPM
3. MIRC B.G.A Well Service and clean out to PBTD of 1545' KB. PR 2 3/8" production tubing. TIH w/ 2 3/8" and land @ 1443' KB.
4. SWI waiting on gas tie-in.

RECEIVED
MAY 31 1996

OIL CON. DIV.
DIST. 3

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

Signed Darryl Eubank

Title OP. MANAGER

Date 5-23-96

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

MAY 29 1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other 96 MAY 29 PM 3:56

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RENVR. Other 070 FARMINGTON, NM

2. NAME OF OPERATOR
ELM RIDGE RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.
PO BOX 3936 FARMINGTON, NM 87499 (505) 326-7099

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 890' FNL & 1750' FEL
At top prod. interval reported below SAME
At total depth SAME

5. LEASE DESIGNATION AND SERIAL NO.
NM 0468126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
USA DIVISION

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
G. H. CALLOW #2

9. API WELL NO.
3004507740

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 33-T29N-R13W

14. PERMIT NO. 3004507740 DATE ISSUED

12. COUNTY OR PARISH SAN JUAN 13. STATE NMEX

15. DATE SPUDDED 11-3-53 7/16/53 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 5/23/96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5848' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 1596' 21. PLUG BACK T.D., MD & TVD 1561' 1595' 22. IF MULTIPLE COMPL. HOW MANY? RECEIVED 23. INTERVALS DRILLED BY ROTARY TOOLS ALL CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME, MD AND TVD 1462'-1518'(RB) BASIN FRUITLAND 25. WAS DIRECTIONAL SURVEY MADE? ?

26. TYPE ELECTRIC AND OTHER LOGS RUN CASED HOLE NEUTRON 27. WAS WELL CORED NO

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8</u>	<u>32</u>	<u>97'</u>	<u>12 1/4"</u>	<u>75' to surface</u>	
<u>5 1/2</u>	<u>15 1/2</u>	<u>1561'</u>	<u>7 7/8"</u>	<u>100' to surface</u>	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>2 3/8"</u>	<u>1443' KB</u>	

31. PERFORATION RECORD (Interval, size and number)

1462'-1478' } w/ 4 SPF OD = .5"
1504'-1518' }
FORMATION BROKE DOWN @ 3334 #
ATP 3763 #, AIR 30BPM, ISIP 1852 #

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>1462'-1518'</u>	<u>567,329 SCP 70 quality foam; 80,000 # 20/40 ARIZONA SAND down 2 7/8" tubing</u>

33. PRODUCTION

DATE FIRST PRODUCTION 5/23/96 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SHUT-IN

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>5/23/96</u>	<u>3</u>	<u>3/4"</u>	<u>→</u>		<u>8.1</u>		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<u>5</u>	<u>25</u>	<u>→</u>		<u>65</u>		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) FLARED. NO SALES. SEE WAITING C-104 APPROVAL TEST WITNESSED BY Tom Borwin

35. LIST OF ATTACHMENTS ACCREAGE DEDICATION PLAT

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Doug Erdely TITLE OPERATIONS MANAGER DATE MAY 30 1996

ACCEPTED FOR RECORD

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

FARMINGTON DISTRICT OFFICE

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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
FRUITLAND	1462'	1520'	GAS ZONE see reverse for detail

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
FRUITLAND	FROM KB	
PICTURED CLIFFS	1462'	
	1560'	

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

Handwritten: DIVISION

State of New Mexico
 Energy, Minerals & Natural Resources Department

Handwritten: OK
 (E)

Form C-102
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION BLM
 2040 South Pacheco
 Santa Fe, NM 87505

RECEIVED
 96 MAY 29 PM 3:56

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT
 070 FARMINGTON, NM

1 API Number 3004507740		2 Pool Code		3 Pool Name BASIN FRUITLAND <i>Pool</i>	
4 Property Code		5 Property Name G.A. CALLOW			6 Well Number 2
7 OGRID No.		8 Operator Name ELM RIDGE RESOURCES, INC.			9 Elevation 5848' AL

10 Surface Location

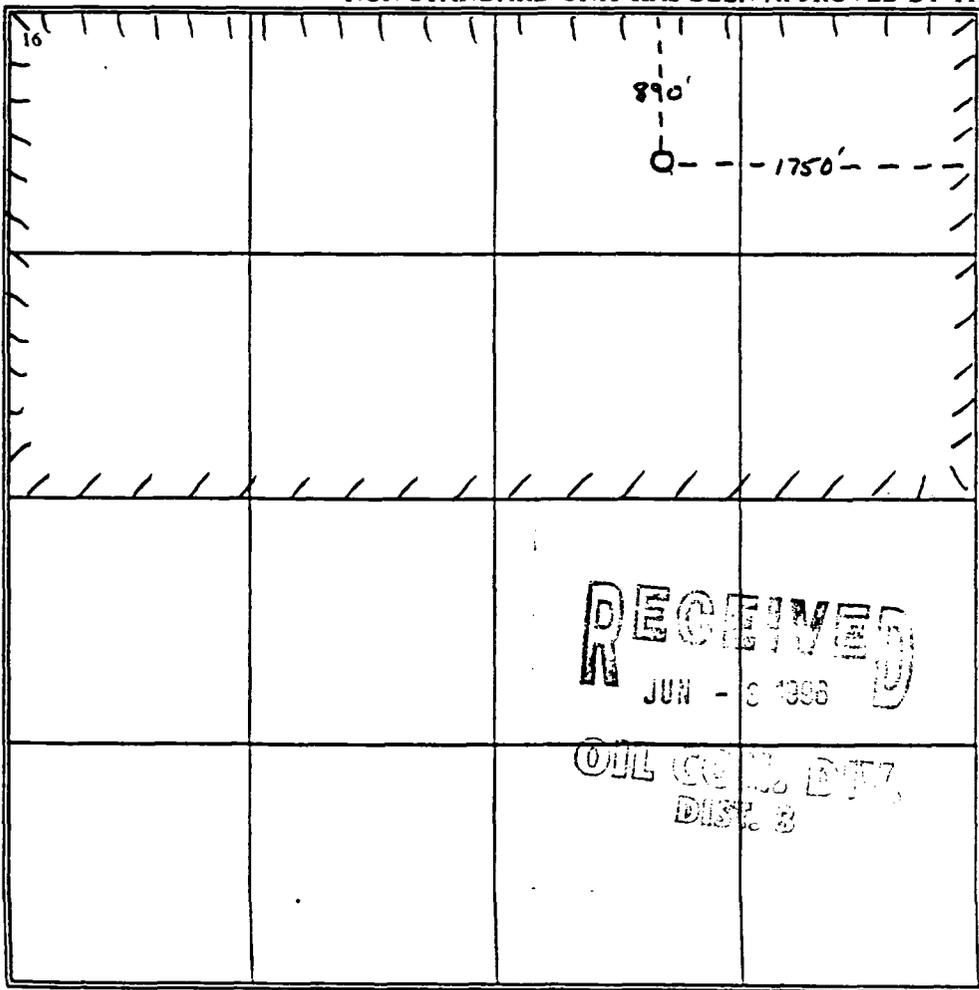
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	33	29N	13W		890'	NORTH	1750'	EAST	SJ

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 3.20	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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

Signature: Doug Endsley
 Signature
 Doug Endsley
 Printed Name
 OPERATIONS MANAGER
 Title
 5/29/96
 Date

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

Date of Survey
 Signature and Seal of Professional Surveyer:

ACCEPTED FOR RECORD

Certificate Number MAY 30 1996

FARMINGTON DISTRICT OFFICE
 BY *Handwritten initials*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DIVISION
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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ELM RIDGE RESOURCES, Inc

3. Address and Telephone No.

PO Box 3936 FARMINGTON New Mexico 87499 (505) 326-7099

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

890' FNL & 1750' FEL
Sec. 33-T29N-R13W

5. Lease Designation and Serial No.

NM 0468126

6. If Indian, Allottee or Tribe Name

USA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

G.H. CALLOW #2

9. API Well No.

3004507740

10. Field and Pool, or Exploratory Area

W. Kutz PL

11. County or Parish, State

SAN JUAN New Mexico

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. SET CIBP @ 1550' dump 1st cement on top in 5 1/2" casing
2. Ran CBL 1550'-800'
3. Ran CNL 1550'-800'
4. INSTALL WELLHEAD AND prepare to perforate & frac.
work completed by General Minerals Corp. prior to
ELM RIDGE taking over well.

RECEIVED
MAIL ROOM
APR 22 PM 2:13

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

Signed Doug Insley

Title OPERATIONS MANAGER

Date 4-19-96

(This space for Federal or State office use)

Approved by _____

Title _____

Conditions of approval, if any:

ACCEPTED FOR RECOF. U

APR 23 1996

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.

FARMINGTON DISTRICT OFFICE

*See instruction on Reverse Side

BY _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 ELM RIDGE RESOURCES, Inc.

3. ADDRESS OF OPERATOR
 PO Box 3936 FARMINGTON, NMex. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 890' FNL & 1750' FEL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 MILES SOUTH OF FARMINGTON New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 890'

16. NO. OF ACRES IN LEASE
 1560

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

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

19. PROPOSED DEPTH
 1550'

20. ROTARY OR CABLE TOOLS
 -

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5840' DF

22. APPROX. DATE WORK WILL START*
 MAY 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	8 5/8"	NA	97'	75 SK
7 7/8"	5 1/2"	NA	1561'	100 SK

5 1/2" CIBP has been set @ 1550' w/ 1st cement on top by previous operator. ELM RIDGE proposes to perforate Fruitland Coal section w/ 4 SPF and frac w/ 70 quality FOAM 60,000# 20/40 BRADY Sand.

RECEIVED
APR 26 1996
OIL & GAS DISTRICT
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APR 22 PM 2:19
DISTRICT MANAGER

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 Dary Eubley TITLE OPERATIONS MANAGER DATE 4-19-96

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

WMOOD

APPROVED

APR 23 1996

DISTRICT MANAGER

*See Instructions On Reverse Side

Hold C-104 For Plat

District I
PO Box 1908, Hobbs, NM 88241-1908
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

W DIVISION

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address ELM RIDGE Resources, Inc. 4925 Greenville Ave. Ste. 1305 DALLAS, TEXAS 75206 (214) 696-8090		OGRID Number 149052
Reason for Filing Code CH		eff. 12-12-95
API Number 30-04507740	Pool Name W. KUTZ PICTURED CLIFFS	Pool Code 79680
Property Code 18145	Property Name G. H. CALLOW	Well Number #2

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Foot from the	North/South Line	Foot from the	East/West Line	County
B	33	29N	13W		890'	NORTH	1750'	EAST	Santa Juan

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Foot from the	North/South Line	Foot from the	East/West Line	County

Lee Code F	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	-----------------------	---------------------	---------------------	----------------------	-----------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
007057	EL PASO NATURAL GAS PO BOX 4890 FARM. NILEX 87499	994230	G	

RECEIVED
JAN 17 1996

IV. Produced Water

POD 994250	POD ULSTR Location and Description
---------------	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	RTD	Perforations

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Thg. Pressure	Cog. Pressure

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: *Doug Endsley*
Printed name: Doug Endsley
Title: Geologist
Date: 1-17-96
Phone: 505-326-7099

OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: SUPERVISOR DISTRICT #3
Approval Date: JAN 17 1996

If this is a change of operator fill in the OGRID number and name of the previous operator
General Minerals Corp.
Previous Operator Signature: *[Signature]* Printed Name: KRIS V. DEANAMI Title: President Date: 1/17/96

RECEIVED

OCT 25 1988

OIL CON. DIV

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

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

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	GAS
OPERATOR	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator General Minerals Corporation
 Address P.O. Box 1289 130 S. Main Noble, OK 73068
 Reason(s) for filing (Check proper box)
 New Well
 Recompletion
 Change in Ownership
 Change in Transporter of:
 Oil
 Castinghead Gas
 Dry Gas
 Condensate
 Other (Please explain) Change of Operator
 If change of ownership give name and address of previous owner Petro Corp

II. DESCRIPTION OF WELL AND LEASE

6. Lease Name H. Callow Well No. 28 Pool Name, including Formation W. KUTZ PC Kind of Lease State, Federal or Fee Lease No. _____
 Location
 Unit Letter B : 890 Feet From The N Line and 1750 Feet From The E
 Line of Section 33 Township 29N Range 13W , NMPM. San Juan County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Castinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
<u>EPNG Co.</u>	Unit	Sec.
If well produces oil or liquids, give location of tanks.	Twp.	Rge.
	Is gas actually connected?	When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

[Signature]
(Signature)
President
(Title)
9/28/88
(Date)

OIL CONSERVATION DIVISION

APPROVED OCT 25 1988, 19____
BY [Signature]
TITLE SUPERVISOR DISTRICT #3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable 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.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

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	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
**REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

I. OPERATOR
Operator: PetroCorp
Address: Suite 300, North Atrium, 16800 Greenspoint Park Drive, Houston, Texas 77060
Reason(s) for filing (Check proper box):
New Well Change in Transporter of:
Recompletion Oil Dry Gas
Change in Ownership Casinghead Gas Condensate Other (Please explain): Effective date 4-1-87

If change of ownership give name and address of previous owner: W. M. Gallaway, 3005 Northridge Dr., Suite I, Farmington, N.M. 87401

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>G. H. Callow</u>	Well No. <u>2</u>	Pool Name, including Formation <u>Kutz Pictured Cliffs (West)</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No. <u>0468126</u>
Location Unit Letter <u>B</u> ; <u>1750</u> Feet From The <u>East</u> Line and <u>890</u> Feet From The <u>North</u> Line of Section <u>33</u> Township <u>29 North</u> Range <u>13 West</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
<u>El Paso Natural Gas Company</u>	<u>P. O. Box 1492, El Paso, Texas 79978</u>			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
Is gas actually connected?	When			
<u>Yes</u>	<u>1954</u>			

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
<input checked="" type="checkbox"/>								
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

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

MAR 30 1987

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

OIL CONSERVATION DIV.
DIST. 3

VI. CERTIFICATE OF COMPLIANCE

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

PETROCORP

By: [Signature]
(Signature)

OIL CONSERVATION COMMISSION
MAR 30 1987

APPROVED [Signature], 19

BY [Signature]

TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviator tests taken on the well in accordance with RULE 111.

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

SUBMIT IN TRIPLICATE*
(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
W. M. GALLAWAY

3. ADDRESS OF OPERATOR
101-2 Petroleum Plaza Bldg., Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
890' FNL, 1750' FEL

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5848' DF

5. LEASE DESIGNATION AND SERIAL NO.
NM 0468126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
U. S.

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
G. H. Callow

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Fulcher Kutz - West

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33, T29N, R13W

12. COUNTY OR PARISH
San Juan

13. STATE
N. M.

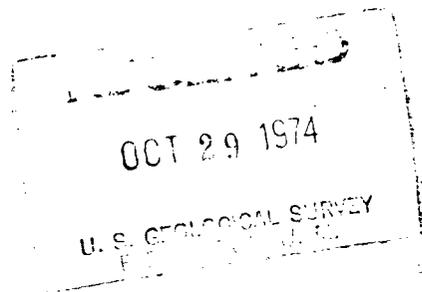
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" 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) _____	

(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.)*

This well is no longer capable of producing from Pictured Cliffs Formation. Plan to recomplete in Fruitland or Farmington sand.



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

SIGNED W. M. Gallaway TITLE Operator DATE 10-23-74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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

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	GAS
OPERATOR	1
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65

970 006 13 11 8 28

I. OPERATOR

Operator W. M. GALLAWAY

Address 101-2 Petroleum Plaza Building, Farmington, New Mexico 87401

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

New Well Change in Transporter of:

Recompletion Oil Dry Gas

Change in Ownership Casinghead Gas Condensate

Please change also

If change of ownership give name and address of previous owner Tenneco Oil Company, Suite 1200, Lincoln Tower Building, Denver, Colorado 80203

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>G. H. Callow</u>	Well No. <u>2</u>	Pool Name, including Formation <u>Kutz Pictured Cliffs</u>	Kind of Lease State, Federal or Fee <u>Fed.</u>	Lease No. <u>0468126</u>
Location (West)				
Unit Letter <u>B</u> ; <u>1750</u> Feet From The <u>East</u> Line and <u>865 890</u> Feet From The <u>North</u>				
Line of Section <u>33</u> Township <u>29 North</u> Range <u>13 West</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas Company</u>	<u>Box 1492, El Paso, Texas 79999</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>Yes</u> <u>1954</u>

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

IV. COMPLETION DATA

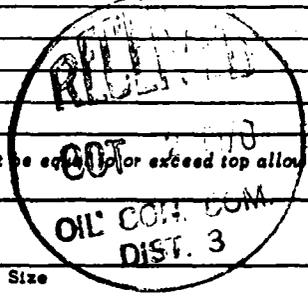
Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
<input checked="" type="checkbox"/>								
Date Spudded	Date Compl. Ready to Prod.	Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay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

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top 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 (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

W. M. Gallaway
(Signature)
Owner - Operator

OIL CONSERVATION COMMISSION

APPROVED OCT 2 1970, 19

BY Cecily C. Curly

TITLE SUPERVISOR DIST. #9

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allow-

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

FORM C-110
(Rev. 7-60)

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

CHANGE

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE.

Company or Operator Tenneco Oil Company		Lease Callow, Glen H. (USA)	Well No. 2
Unit Letter B	Section 33	Township 29N	Range 13W
County San Juan		Kind of Lease (State, Fed, Fee) Federal	

Pool West Kutz Canyon PC.	Unit Letter	Section	Township	Range
If well produces oil or condensate give location of tanks				

Authorized transporter of oil <input type="checkbox"/> or condensate <input type="checkbox"/>	Address (give address to which approved copy of this form is to be sent)
---	--

Is Gas Actually Connected? Yes No

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company		Farmington, New Mexico

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

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

New Well Change in Ownership

Change in Transporter (check one)
 Oil Dry Gas
 Casing head gas . Condensate..

Other (explain below)

Effective 1-1-64

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DEC 19 1963
OIL CON. COM.
DIST. 3

Remarks
To change name from Tenneco Corporation to Tenneco Oil Company

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.
Executed this the 12th day of December, 19 63.

OIL CONSERVATION COMMISSION		By <i>J. H. Watkins</i> J. H. Watkins
Approved by <i>Emory Chew</i>	Title District Office Supervisor	Company Tenneco Oil Company
Date Supervisor Dist. # 3	Address P. O. Box 1714 Durango, Colorado	

RECEIVED
DEC 19 1963
OIL CON. COM.
DIST. 3

DEC 19 1963

OIL CONSERVATION COMMISSION

120 EAST CHACO
AZTEC, NEW MEXICO

NOTICE OF DISCONNECT:

DATE June 27, 1962

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT A DISCONNECT ON

<u>Tenneco Corporation</u>		<u>Callow #2</u>
OPERATOR		LEASE
<u>"B"</u>	<u>33-29-13</u>	<u>West Kutz Pictured Cliff</u>
WELL UNIT	S - T - R	POOL
<u>El Paso Natural Gas Company</u>	WAS MADE ON	<u>June 25, 1962</u>
NAME OF PURCHASER		DATE

DUE TO Well is to be used for water injection.

El Paso Natural Gas Company
PURCHASER

E. M. Rodriguez
REPRESENTATIVE

Chief Disnatcher
TITLE

- cc: Oil Conservation Commission - Santa Fe
- F. N. Woodruff - El Paso
- ~~W.M. Flood - El Paso~~
- B. D. Adams - Farmington
- Tenneco - Houston and Durango
- File-2
- Gas Engineering - Farmington



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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 **Tenneco Corporation** Lease **Callow, Glen H. (USA)** Well No. **2**

Unit Letter **B** Section **33** Township **29N** Range **13W** County **San Juan**

Pool **West Kutz Canyon** Kind of Lease (State, Fed, Fee) **Federal**

If well produces oil or condensate give location of tanks _____ Unit Letter _____ Section _____ Township _____ Range _____

Authorized transporter of oil or condensate Address (give address to which approved copy of this form is to be sent) _____

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) **Farmington, New Mexico**

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

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 **Formerly Tennessee Gas Transmission Company**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.
Executed this the 1st day of March, 1961.

OIL CONSERVATION COMMISSION	By Wayne E. Cox
Approved by <i>[Signature]</i>	Title District Office Supervisor
Title Supervisor Dist. #3	Company Tenneco Corporation
Date MAR 1 1961	Address P. O. Box 1714 Durango, Colorado

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Tennessee Gas Transmission Company Lease Callow, Glen H. (U.S.A.)

Address P. O. Box 1772 - Casper, Wyoming Houston, Texas
(Local or Field Office) (Principal Place of Business)

Unit B, Well(s) No. 2, Sec. 33, T. 29N, R. 13W, Pool West Kutz Ca nyon

County San Juan Kind of Lease: Federal

If Oil well Location of Tanks.....

Authorized Transporter El Paso Nautral Gas Company Address of Transporter
Farmington, New Mexico El Paso, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are.....

REASON FOR FILING: (Please check proper box)

- NEW WELL..... CHANGE IN OWNERSHIP.....
- CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS:

CHANGE OF LEASE NAME - Originally called Callow-Federal No. 2.

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

Executed this the 20th day of December, 19 55

TENNESSEE GAS TRANSMISSION COMPANY

Approved 12-29, 1955

OIL CONSERVATION COMMISSION

By James E. Arnold
Title Oil and Gas Inspector Dist. #3

By Pat Lay
Title District Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Tennessee Gas Transmission Co. Lease U.S.A. Callow #2

Address 1655 Grant Street, Denver, Colo. Houston, Texas
(Local or Field Office) (Principal Place of Business)

Unit....., Well(x) No. 2....., Sec. 33....., T. 29-N., R. 13-W., Pool West Kutz

County..... San Juan..... Kind of Lease:..... U.S. Non Competitive

If Oil well Location of Tanks.....

Authorized Transporter..... El Paso Natural Gas Company..... Address of Transporter

Farmington, New Mexico..... El Paso, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are..... None

REASON FOR FILING: (Please check proper box)

NEW WELL..... CHANGE IN OWNERSHIP.....

CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS:



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

Executed this the 18th day of July, 1955..

Approved..... JUL 21 1955, 19.....

TENNESSEE GAS TRANSMISSION COMPANY

OIL CONSERVATION COMMISSION

By A. R. Kendrick

By Pat Lay
Title District Superintendent

Title PETROLEUM ENGINEER DIST. NO. 3

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

MINN OFFICE 900

Date January 28, 1955

THE BAY PETROLEUM CORP.
Operator

Callow
Lease

2
Well No.

Name of Producing Formation KPC Pool W. Kutz

No. Acres Dedicated to the Well 160

Indicate land status and show ownership Federal

SECTION 33 TOWNSHIP 29N RANGE 13W

RECEIVED
FEB 3 1955
OIL CON. COM.
DIST. 3

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

Name Pat Lay
Position District Superintendent
Representing THE BAY PETROLEUM CORP.
Address Box 957, Denver, Colorado

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MAIN OFFICE REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~Recompletion~~

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Denver, Colorado 12-9-54
(Place) (Date)

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

THE BAY PETROLEUM CORP., Callow-Federal, Well No. 2, in NW 1/4 NE 1/4,
(Company or Operator) (Lease)
B, Sec. 33, T. 29N, R. 13W, NMPM, West Kutz Pool
(Unit)
San Juan County. Date Spudded 11-3-53, Date Completed 12-31-53

Please indicate location:

		*	
	33		

Elevation 5848 Total Depth 1596, P.B.

Top oil/gas pay 1561 Top of Prod. Form 1561

Casing Perforations: or

Depth to Casing shoe of Prod. String 1561

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 1,846 MCF

Size choke in inches 2

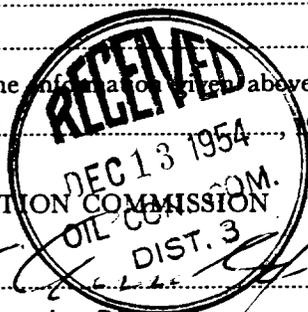
Date first oil run to tanks or gas to Transmission system: 6/54

Transporter taking Oil or Gas: El Paso Natural Gas

Remarks:

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

Approved DEC 22 1954



By: [Signature] Oil and Gas Inspector Dist. #3
Title

THE BAY PETROLEUM CORPORATION
(Company or Operator)

By: [Signature] Pat Lay (Signature)

Title District Superintendent
Send Communications regarding well to:

Name Pat Lay

Address Box 957, Denver, Colorado

NEW MEXICO

Gas Well Plat

OIL CONSERVATION COMMISSION

MAIN OFFICE OCC

57

Date 12-21-54

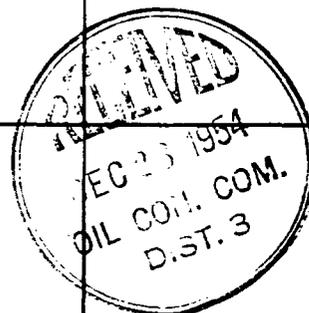
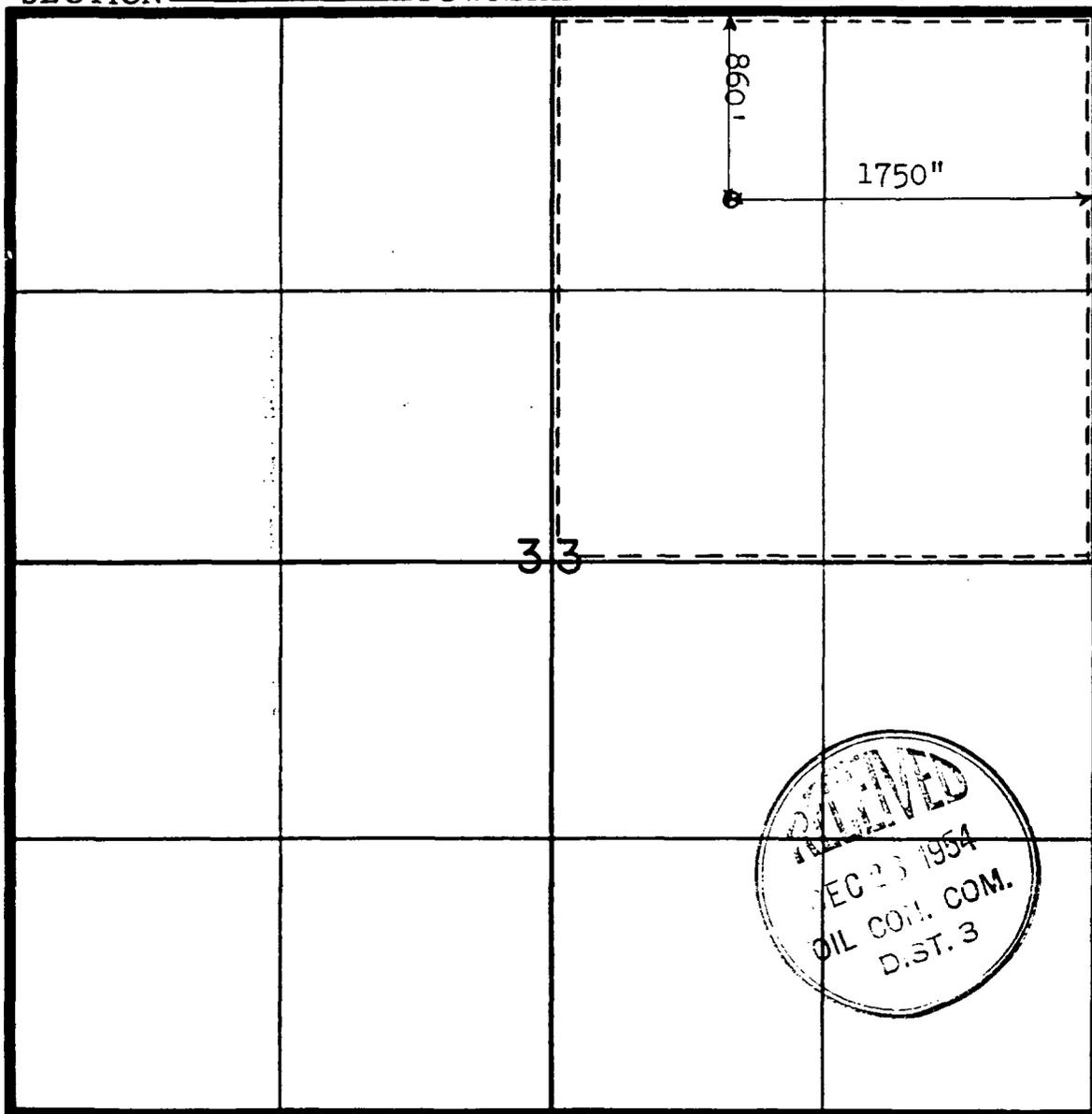
The Bay Petroleum Corp. Callow 2
Operator Lease Well No.

Name of Producing Formation Pictured Cliffs Pool W. Kutz

No. Acres Dedicated to the Well 160

Indicate land status and show ownership Federal

SECTION 33 TOWNSHIP 29N RANGE 13W



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

Name Pat Lay Pat Lay
Position District Superintendent
Representing The Bay Petroleum Corp.
Address Box 957, Denver, Colorado

NEW MEXICO OIL CONSERVATION COMMISSION
MAIN OFFICE OCC Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

1954 JUN 31 PM 2:25

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator The Bay Petroleum Corporation Lease Callow-Federal 078931-B

Address Box 957, Denver 1, Colorado Denver, Colorado
(Local or Field Office) (Principal Place of Business)

Unit -, Well (x) No. 2, Sec. 33, T. 29N, R. 13W, Pool. West Kutz

County San Juan Kind of Lease: U. S. Non-Competitive

If Oil well Location of Tanks -

Authorized Transporter El Paso Natural Gas Company Address of Transporter
Farmington, New Mexico El Paso, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas
from this unit are None



REASON FOR FILING: (Please check proper box)

NEW WELLS CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

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

Executed this the 15th day of June 1954.

THE BAY PETROLEUM CORPORATION

Approved JUN 24 1954, 1954

By Marvin F. Owens
Marvin F. Owens
Title Chief Petroleum Engineer

OIL CONSERVATION COMMISSION
By Ernest C. Arnold
Title Oil and Gas Inspector Dist. #3

Land Office Santa Fe

(SUBMIT IN TRIPLICATE)

Lease No. 078931-3

Unit N/2 Sec. 33

Designated Drilling Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 2 1953
Paul M. ...
DISTRICT ENGINEER

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 REDRILLING 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)

October, 19__

Well No. Callow #2 is located 890 ft. from N line and 1750 ft. from E line of sec. 33
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

W. Ruts (art) (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the land above sea level is 5810 ft.

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)

Drill 12-3/4" hole to 100'. Set 8-5/8" casing and circulate cement.
Drill 7-7/8" hole to top of Pictured Cliffs sand and set 5-1/2" pipe with 150 sacks of cement. Drill the pay with cable tools and shoot the hole with approximately 50 quarts.
Run 2" tubing for completion.
All casing, cementing and shut off tests will be in accordance with the approved methods of the U.S.G.S.

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

Company The Bay Petroleum Corporation

Address Box 1106

Roswell, New Mexico

By J. D. McLean
J. D. McLean
District Manager

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. 078931-B

Unit N/2 NE 1/4 of Sec. 33
Designated drilling unit

RECEIVED
JUL 20 1953

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 REDRILLING 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)

July 16, 19 53

Well No. 2 is located 890 ft. from N line and 1750 ft. from E line of sec. 33
Callow
W. KUEZ (ext.) (Field) T29N. R13W (Twp.) NMPM (Meridian) San Juan (County or Subdivision) New Mexico (State or Territory)
 OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO
 RECEIVED
 JUL 16 1953

The elevation of the derrick floor above sea level is 5840 ft.

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)

Drill 12-3/4" hole to 100'. Set 8-5/8" casing and circulate cement.
 Drill 7-7/8" hole to top of Pictured Cliffs sand and set 5-1/2" pipe with 150 sacks of cement. Drill the pay with cable tools and shoot the hole with approximately 50 quarts.
 Run 2" tubing for completion.

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

Company The Bay Petroleum Corporation

Address Box 1106

Roswell, New Mexico

By J. D. McLean
 J. D. McLean
 Title Geologist

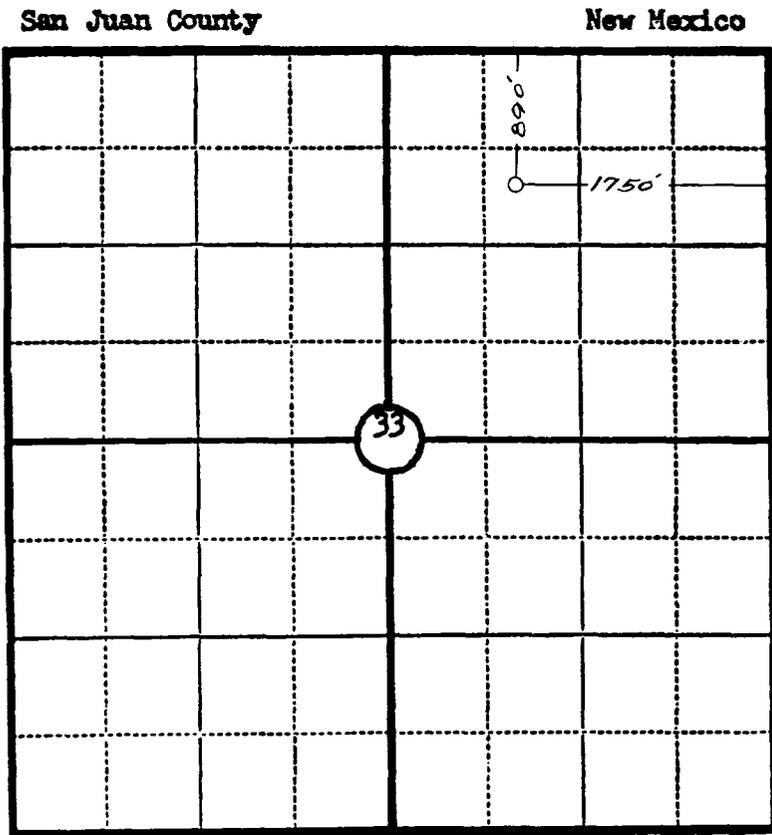
Company Bay Petroleum Corporation

Lease Callow-Federal Well No. 2

Sec. 33, T. 29 N., R. 13 W., N.M.P.M.

Location 890' from the North line and 1750' from the East line.

Elevation 5840 Ungraded ground.



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.

Seal: James P. Leese
Registered Professional
Engineer and Land Surveyor.

James P. Leese
N. Mex. Reg. No. 1463

Surveyed July 1, 1953