

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

1/2 Section 28  
 dedication  
 see NS7-477A

28

Callow Well No. 7  
 30-045-29522  
 Drilled to test the P.C. Jan. 1999  
 Wanting to recomplate in the  
 Basin Fruitland Coal Gas Pool  
 850 FNL + 1780 FNL

\*

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

\*

33

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 -TPGF  
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  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
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:							
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 over a horizontal line and extends downwards with a long, sweeping stroke.

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 MANAGEMENTFORM 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.

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

## 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

## 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 Sks., 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

Title Operations ManagerDate 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

NM000

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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0468126		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR Elm Ridge Resources, Inc. (505) 326-7099 149052			7. UNIT AGREEMENT NAME N/A		
3. ADDRESS AND TELEPHONE NO. 312 West LaPlata St., Farmington, NM 87401			8. FARM OR LEASE NAME WELL NO. 18145 Callow #7		
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			9. API WELL NO. 30-045-29520		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 air miles S of Farmington, NM			10. FIELD AND POOL, OR WILDCAT W. Kutz Pic. Cliff		
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		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 33-29n-13w NMPM
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		12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,841' ungraded ground			13. STATE NM		
22. APPROX. DATE WORK WILL START* Upon Approval					

23. 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 22 1998  
OIL CON. DIV.  
DIST. 3

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, give deepening 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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APL 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'

Surface Location

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

Bottom Hole Location If Different From Surface

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

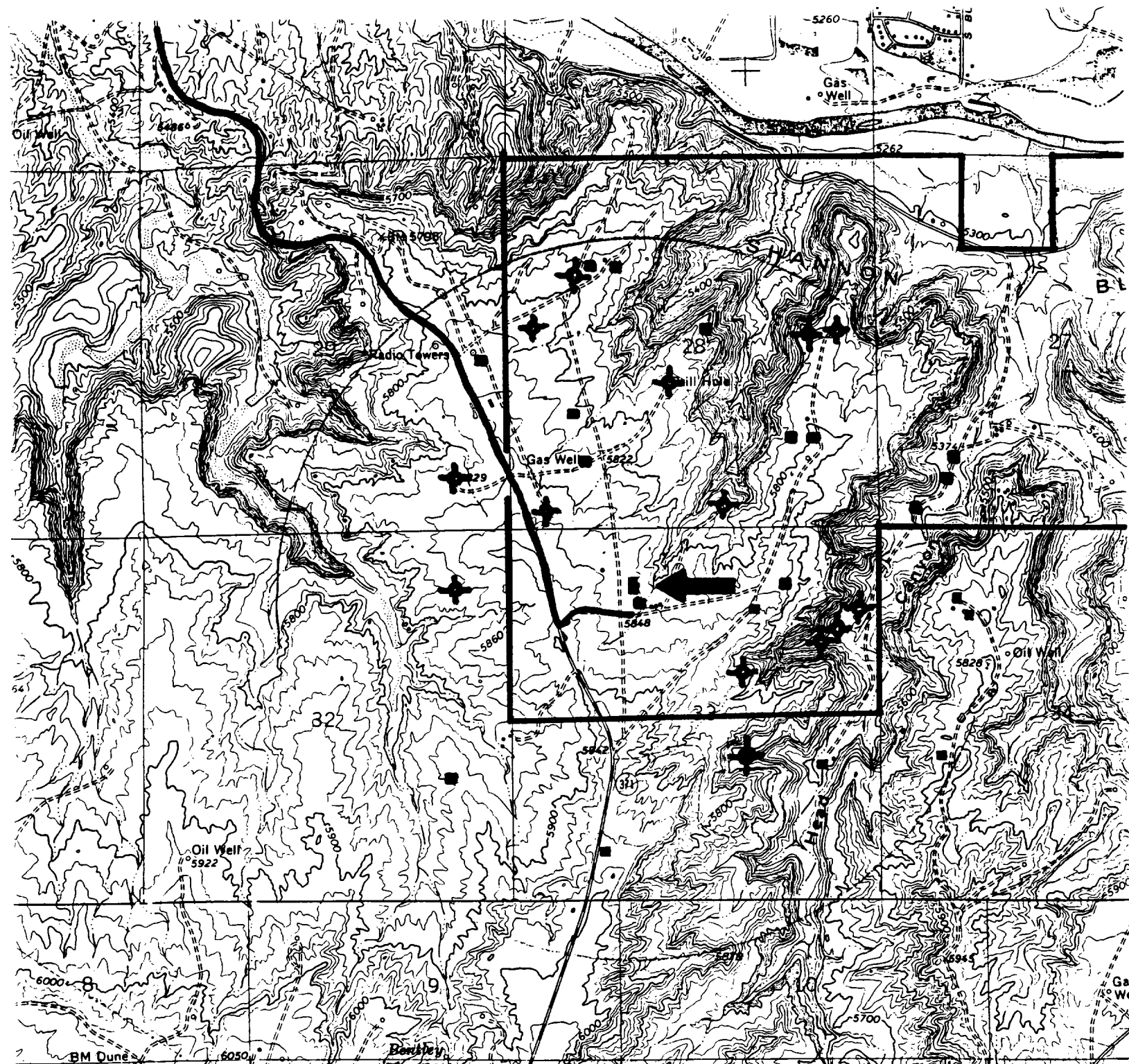
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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

				<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature <u>Brian Wood</u> Printed Name <u>Brian Wood</u> Title <u>Consultant</u> Date <u>January 5, 1998</u>	
<b>RECEIVED</b> JAN 22 1998 <b>OIL CON. DIV.</b> <b>DIST. 3</b>				<b>18 SURVEYOR CERTIFICATION</b> 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 <u>1-5-98</u> Signature and Seal of Professional Surveyor: <u>G. HUBBARD</u> 	
				Certificate Number	

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

PAGE 11



PROPOSED WELL: ■ ←

EXISTING WELL: ■

LEASE LINE: ┌

ROAD: ~

**PERMITS WEST** INC.  
PROVIDING PERMITS for LAND USERS

District I  
PO Box 1906, Hobbs, NM 88241-1906

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

RECEIVED

RECEIVED

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. N. 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 #6-1

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	O/G	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	POD ULSTR Location and Description
2817464	DIST. 3

V. Well Completion Data

Spud Date	Ready Date	TD	PSTD	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
Choke Size	Oil	Water	Gas	AOP	Test Meter
3/4"	—	2 BWP/D	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

Approved by:

Genie Burch

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

(July 1992)

UNITED STATES

SUBMIT IN DUPLICATE\*

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

2. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVEN. ☒ 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 &amp; 2420' FBL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

3004520733

12. COUNTY OR PARISH

13. STATE

San Juan

NMex

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 &amp; TVD

1752'

21. PLUG BACK T.D., MD &amp; TVD

1467'

22. IF MULTIPLE COMPL., HOW MANY\*

RECEIVED

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

ALL

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

1425'-1438' (KA) BASIN FRUITLAND

JUN - 3 1996

25. WAS DIRECTIONAL SURVEY MADE

?

26. TYPE ELECTRIC AND OTHER LOGS RUN

COMPENSATED NEWTON LOG

OIL CON. DIV.

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

31. PERFORATION RECORD (Interval, size and number)

1425'-1438' w/ 43PF 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		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/23/96		Flowing				SHUT-IN	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
5/23/96	3	3/4"	→		7.5		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
5	22	→		60			

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

TEST WITNESSED BY

FLARED - NO SACS. SI WAITING ON C-104 approval

TOM BERGIN

35. LIST OF ATTACHMENTS

ACREAGE DEDICATION PLAT

ACCEPTED FOR RECORD

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

SIGNED

TITLE

OPERATIONS MANAGER

DATE

MAY 30 1996

\*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Basin Fruitland	1425'	1444'	Gas zone, coal, see reverse for detail	Fruitland	from KB 1425'	
				Pictured Cliffs	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

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.

56 MAY 28 AM 12:27 PM 0468126  
040 FARMINGTON, NM USA

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' FNL & 2420' FEL  
Sec. 28-T29N-R13W

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

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 FULTON

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

- ☐ 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. 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" RU2 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

*Don Trubey*

Title

OP. MANAGER

Date

5-23-96

(This space for Federal or State office use)

Approved by

Conditions or approval, if any:

Title

Date

ACCEPTED FOR RECORD

MAY 29 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

BY *AT*

\*See Instruction on Reverse Side

NWOOD



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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

HOLD C-104 PM NSC  
Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

<sup>10</sup> Surface Location

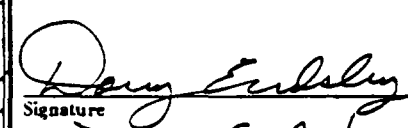
UL or lot no. G	Section 28	Township 29N	Range 13W	Lot Idn	Feet from the 2340'	North/South line NORTH	Feet from the 2420'	East/West line EAST	County San Juan
--------------------	---------------	-----------------	--------------	---------	------------------------	---------------------------	------------------------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

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

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

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

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

<div>16</div> <div>RECEIVED MAY 31 1996 OIL CON. DIV. DIST. 3</div>	<div>2340'</div> <div>0 --- 2420' ---</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div> Signature Doug Endsley Printed Name OPERATIONS MANAGER Title 5/29/96 Date</div>
		<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>
		Certificate Number

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

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

5. Lease Designation and Serial No.

52 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 #6-X

9. API Well No.

3004520733

10. Field and Pool, or Exploratory Area

W. Kutz PC

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

- ☐ 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 @ 1467' dump 1st cement m top in 5 1/2 CASING.

2. Ran CBL 1467' - Surface

3. Ran CML 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.

RECEIVED  
APR 26 1996

OIL CON. DIST.  
DIST. 3

RECEIVED  
APR 26 1996  
OIL CON. DIST.  
DIST. 3

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

Signed Darryl Embury

Title OPERATIONS MANAGER

Date 4-11-96

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

ACCEPTED FOR RECON.

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

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

Held 9-104 for NSL

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

RECEIVED  
BLM

96 MAY 29 PM 3:56

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 3004520733	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name BRAIN FRT. COAL
<sup>4</sup> Property Code	<sup>5</sup> Property Name G. H. CALLOW	<sup>6</sup> Well Number 6-4
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name ELM RIDGE RESOURCES, INC.	<sup>9</sup> Elevation 5747' GL

<sup>10</sup> Surface Location

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

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

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

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

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

16		2340'	0 --- 2420' ---	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature: <u>Doug Endsley</u> Printed Name: <u>Doug Endsley</u> Title: <u>OPERATIONS MANAGER</u> Date: <u>5/29/96</u>	
					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:  <b>ACCEPTED FOR RECORD</b> Certified by:

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

18. 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, part'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

RECEIVED  
APR 26 1996

OIL CON. DIV.

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 flowout preventer program, if any.

24.

SIGNED

Darryl Endrey

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:

APPROVED

DATE

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  
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. 4425 Greenville Ave. Ste. 1305 DALLAS, TEXAS 75206 (214)646-8090		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	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 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 4490 FARMINGTON, N.M. 87409	2816487	G	

RECEIVED  
JAN 17 1996

IV. Produced Water

POD	POD ULSTR Location and Description
2816487	

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	AOF	Test Interval

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: 255-326-7099		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: [Signature] Title: [Signature] Date: [Signature]			
---	--	--	--

RECEIVED

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

NO. OF COPIES DESIRED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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)

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

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 <u>State, Federal or Fee</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 Castinhead 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 Burt D. Chang, 19  
BY  
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.

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
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

PetroCorp

Address

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

Reason(s) for filing (Check proper box)

New Well ☐

Recompletion ☐

Change in Ownership ☒

Change in Transporter of:

Oil ☐

Casinghead Gas ☐

Dry 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	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
G. H. Callow	6	Kutz Pictured Cliffs (West)	State, Federal or Fee Federal	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 <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)	
El Paso Natural Gas Co.	P. O. Box 1492 El Paso, Texas 79978	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
	Is gas actually connected? When	
	Yes 1972	

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'tv.	Diff. Res'tv.
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 (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 Perry

(Signature)

(Title)

3-27-87

OIL CONSERVATION COMMISSION

APPROVED

BY

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-





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESSVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR W. H. 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' SEL At top prod. interval reported below 1472' At total depth 1752'							
14. PERMIT NO.				DATE ISSUED 12/24/70			
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, REB, RT, GR, ETC.)* 5753 AS	
19. TOTAL DEPTH, MD & TVD 1752'		20. PLUG, BACK T.D., MD & TVD 1639'		21. IF MULTIPLE COMPL., HOW MANY*		22. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1472 - 1510 - Pictured Cliffs						24. WAS DIRECTIONAL SURVEY MADE No	
25. TYPE ELECTRIC AND OTHER LOGS RUN Sclumberger - II, SD, Sonic and Gamma Ray						26. WAS WELL CORRED No	
27. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
3 5/8"		36		200		12 1/4	
5 1/2"		17		1751.73		7 5/8	
28. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
29. TUBING RECORD							
SIZE		DEPTH SET (MD)		SACKS CEMENT*		DEPT. SET (MD)	
1"		1511.74				None	
30. PERFORATION RECORD (Interval, size and number)							
1472 - 1510 / 48 - .47 holes							
31. 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			
32. PRODUCTION							
DATE FIRST PRODUCTION 7/14/71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing from 1" tubing through 1" line				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 7/14/71		HOURS TESTED 3 hrs.		CHOKE SIZE Pitot tube		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS. 27 lbs.		CASING PRESSURE 210		CALCULATED 24-HOUR RATE		OIL—BSL. 1570	
						GAS—MCF. 210	
						WATER—BSL. 1570	
						OIL GRAVITY-API (CORR.)	
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented							
34. LIST OF ATTACHMENTS None							
35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED W. H. 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 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) and bottom(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Harmington and	400	710	Sand and shale	Harmington	400	
Fruitland	1195	1202	Sand	Fruitland	1195	
Pictured Cliffs	1470	1650	Sand and shale streaks	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

CHallow

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.

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

Dated 12/24/70

5747 gr.

San Juan

N. M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)\*

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

Run 1800' of 5 1/2" - 17" 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. H. 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 deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT TO DRILL" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA NE 0468126
2. NAME OF OPERATOR G. H. Galloway		6. IF INDIAN, ALLOTTEE OR TRIBE NAME USA
3. ADDRESS OF OPERATOR 101-2 Petroleum Plaza Bldg., Farmington, N. H.		7. UNIT AGREEMENT NAME
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		8. FARM OR LEASE NAME G H Galloway
14. PERMIT NO. Dated 12/24/70		9. WELL NO. 0
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5747 Gr.		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. H.

ILLEGIBLE

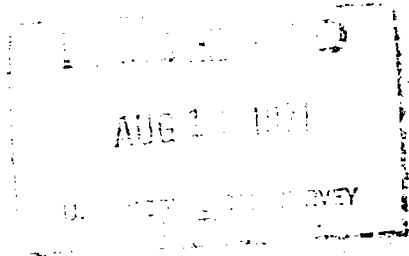
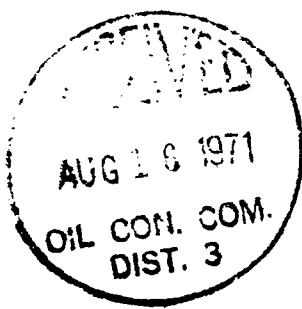
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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 COMPLETION <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" - 175' 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 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, deepen or plug back to a reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA NE 0468126
2. NAME OF OPERATOR G. M. Galloway		6. IF INDIAN, ALLOTTEE OR TRIBE NAME USA
3. ADDRESS OF OPERATOR 101-2 Petroleum Plaza Bldg., Farmington, N.M.		7. UNIT AGREEMENT NAME
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		8. FARM OR LEASE NAME G. H. Galloway
14. PERMIT NO. Dated 12/24/70		9. WELL NO. 0
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5747 Gr.		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.

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 ☐

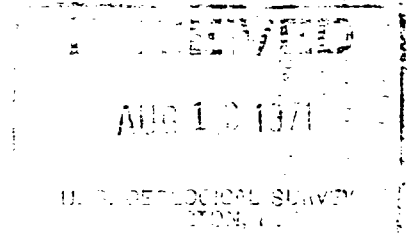
ALTERING CASING ☐

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. Galloway*

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 in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

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.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other JUL

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other JUL

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

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, REE, RT, GR, ETC.)\*

5753

19. ELEV. CASINGHEAD

5747

20. TOTAL DEPTH, MD &amp; TVD

1752'

21. PLUG BACK T.D., MD &amp; TVD

1689'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

-

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

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)	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 7/14/71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing from 1" tubing through 1" line				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 7/14/71	HOURS TESTED 3 hrs.	CHOKER SIZE Pitot tube	PROD'N. FOR TEST PERIOD →	OIL—BBL. TSTM	GAS—MCF. 210	WATER—BBL. TSTM	GAS-OIL RATIO 
FLOW. TUBING PRESS. 27 lbs.	CASING PRESSURE 210	CALCULATED 24-HOUR RATE →	OIL—BBL. TSTM	GAS—MCF. 360	WATER—BBL. TSTM	OIL GRAVITY-API (CORR.) 	

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

Vented

TEST WITNESSED BY

W. M. Gallaway &  
Earl 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: 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Farmington Sand	400	70	Sand and shale	Farmington	400	
Fruitland	1195	1208	Sand	Fruitland	1195	
Pictured Cliffs	1470	1650	Sand and shale streaks	Pictured Cliffs	1470	

## 38. GEOLOGIC MARKERS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYCHANGE  
OK

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.

6-1

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.

## 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 drig. unit line, if any)

220'

16. NO. OF ACRES IN LEASE

1560

17. NO. OF ACRES ASSIGNED.

TO THIS WELL  
16018. 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

CONDITIONS OF APPROVAL, IF ANY:

TITLE

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

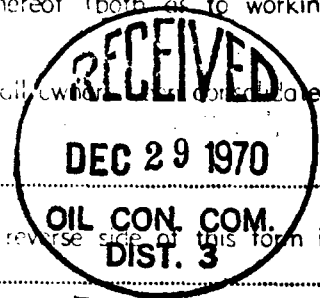
Operator <b>W. M. GALLAWAY</b>		Lease <b>Callow</b>		Well No. <b>6-</b>	
Unit Letter <b>G</b>	Section <b>28</b>	Township <b>29 NORTH</b>	Range <b>13 WEST</b>	County <b>SAN JUAN</b>	
Actual Factor Location of Well: <div style="display: flex; justify-content: space-between;"> <span>2340 feet from the NORTH line</span> <span>2420 feet from the EAST line</span> </div>					
Ground Level Elev. <b>5747.0</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>West Kutz P.C.</b>	Dedicated Acreage <b>160</b>		Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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.

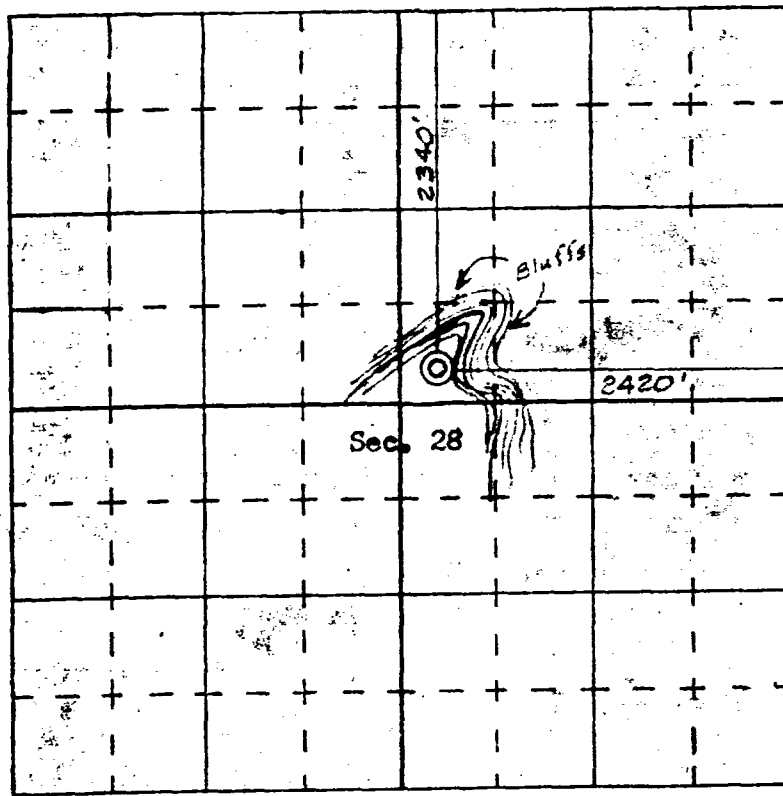
**11 December, 1970**  
Date Surveyed \_\_\_\_\_

*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 W. W. Gallaway  
and change the lease name on the  
Callow #6 to 28-29N-13W, to the G. D.  
Callow #6. This is a new intention  
to drill mailed to you last week -

Thank you,  
Bert Surpin

District I  
PO Box 1904, 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. PO BOX 3936 Farmington, New Mexico 87499 (505) 326-7099		OGRID Number 149052
		Reason for Filing Code RC
API Number 30-04507740	Pool Name BASIN FRUITLAND	Pool Code M/629
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
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	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	POD ULSTR Location and Description
2817836	

OIL CON. DIV.  
DIST. 3

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	Water	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:

Printed name:

Title:

Date:

Doug Endsley

Doug Endsley

OP. MANAGER

5-23-96

Phone (505) 326-7099

8-30-96 OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

3.5

SUPERVISOR DISTRICT # 3

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

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

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

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 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 EPNG 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 12 1996  
OIL CON. DIV.  
DIST. 3

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

Signed

Darryl Embury

Title

OPERATIONS MANAGER

Date

6/12/96

(This space for Federal or State office use)

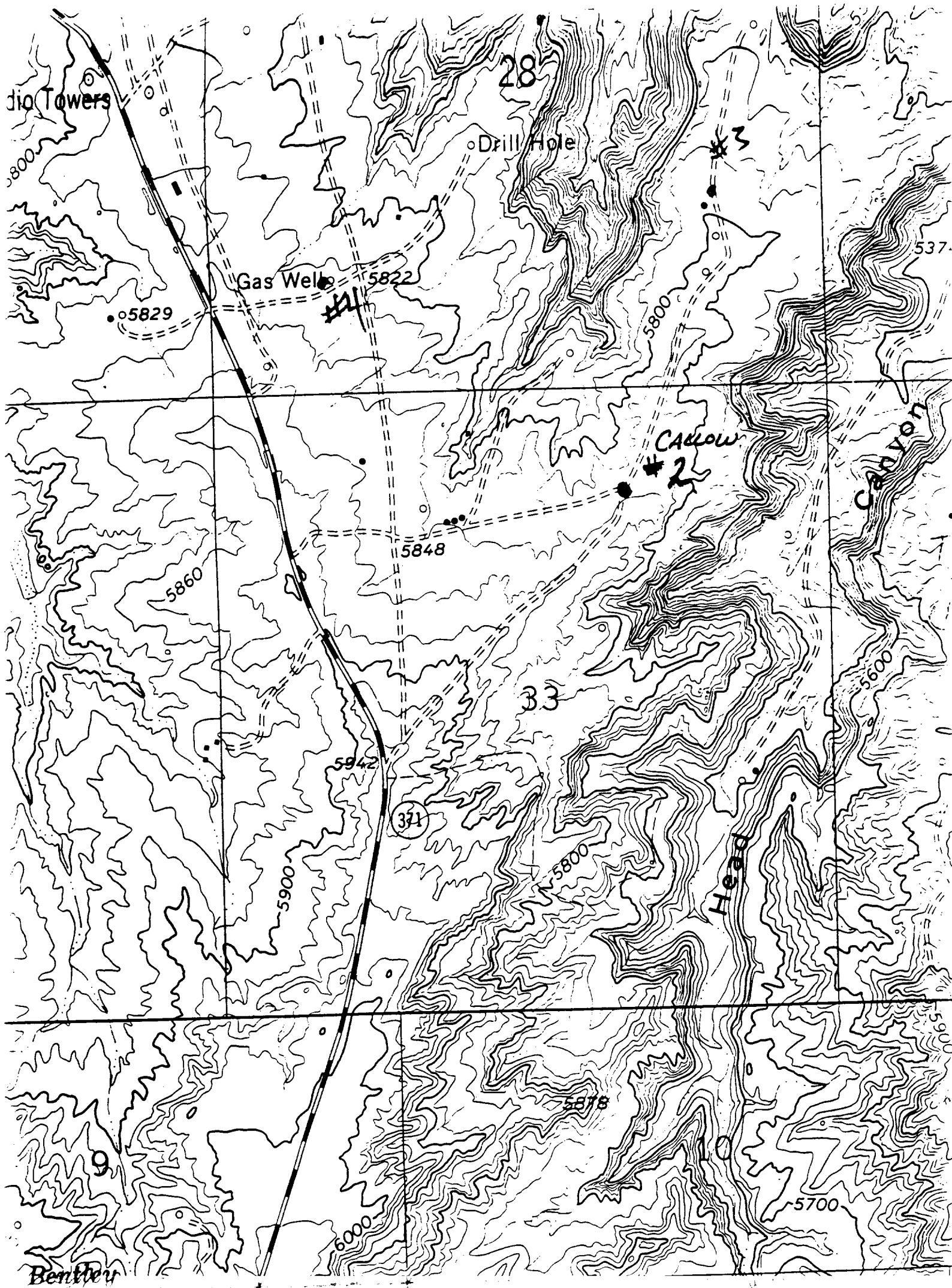
Approved by

Title

Date

JUL 10 1996

Conditions of approval, if any:



SI METRIC CONVERSION FACTORS PRINTED ON REVERSE/FACTEURS DE CONVERSION AU SI IMPRIMÉS AU VERSO

---

ARCHAEOLOGICAL INFORMATION REPORT FORM

BLM/FDO 1/94

1. BLM Report No.	2. (For BLM Use Only)	3. Recipients Accession No. <span style="float: right;">RECEIVED BLM</span>
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 <u>96 JUN 25 PM 1:35</u> <u>June 17, 1996</u> <u>070 FARMINGTON, NM</u> 6. Report Date <u>June 17, 1996</u>
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		8. Permit No. 98-2920-96-0 9. Consultant Report No. 96-081S
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	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	
13. Location (Maps Attached): a. State: New Mexico b. County: San Juan c. District: Farmington d. Land Status: BLM-FD 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		
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		
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):		
16. Management Summary (Recommendations): Cultural resource clearance is recommended for the well tie pipeline for Elm Ridge Resources.		

# ILLEGIBLE

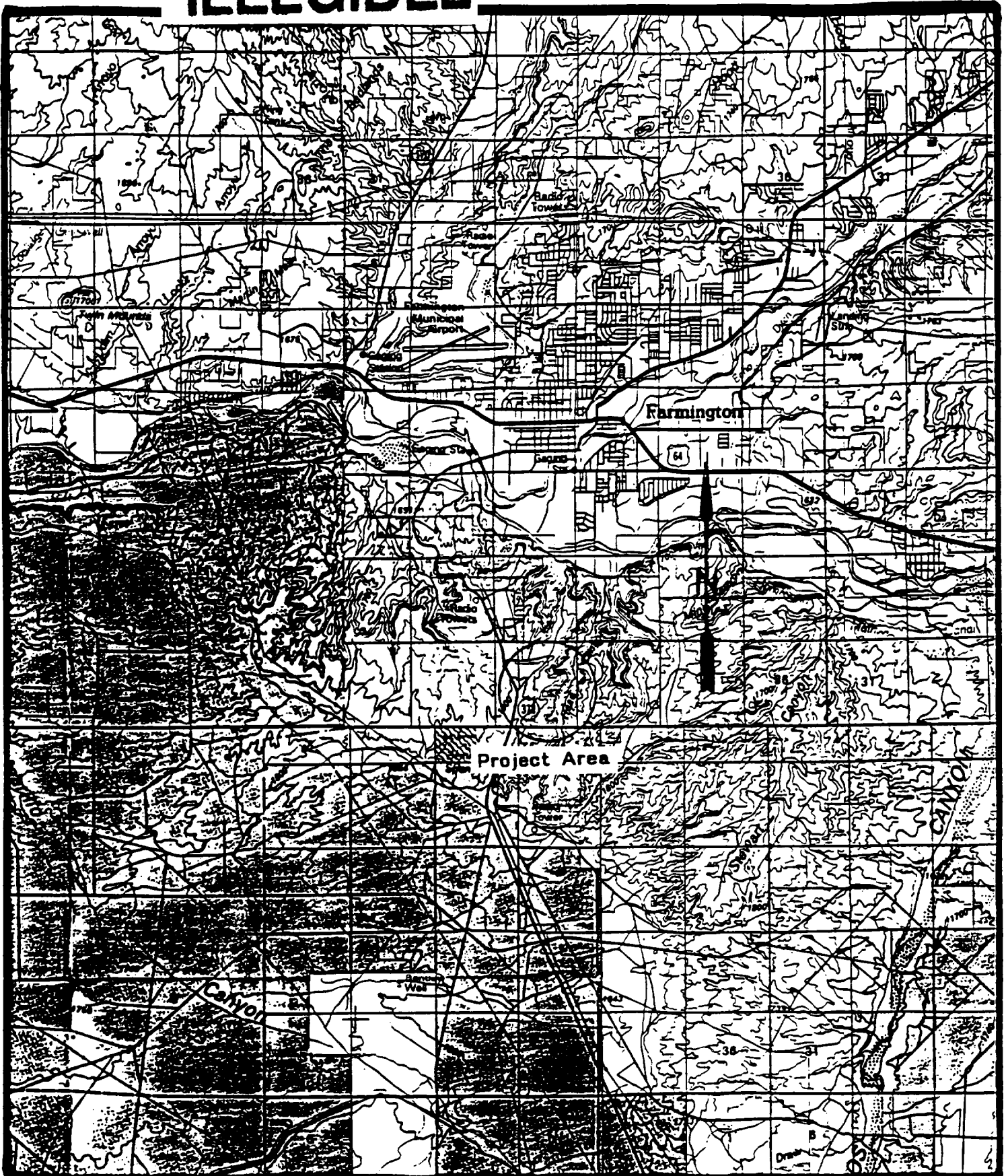


Figure 1.  
General Project Area



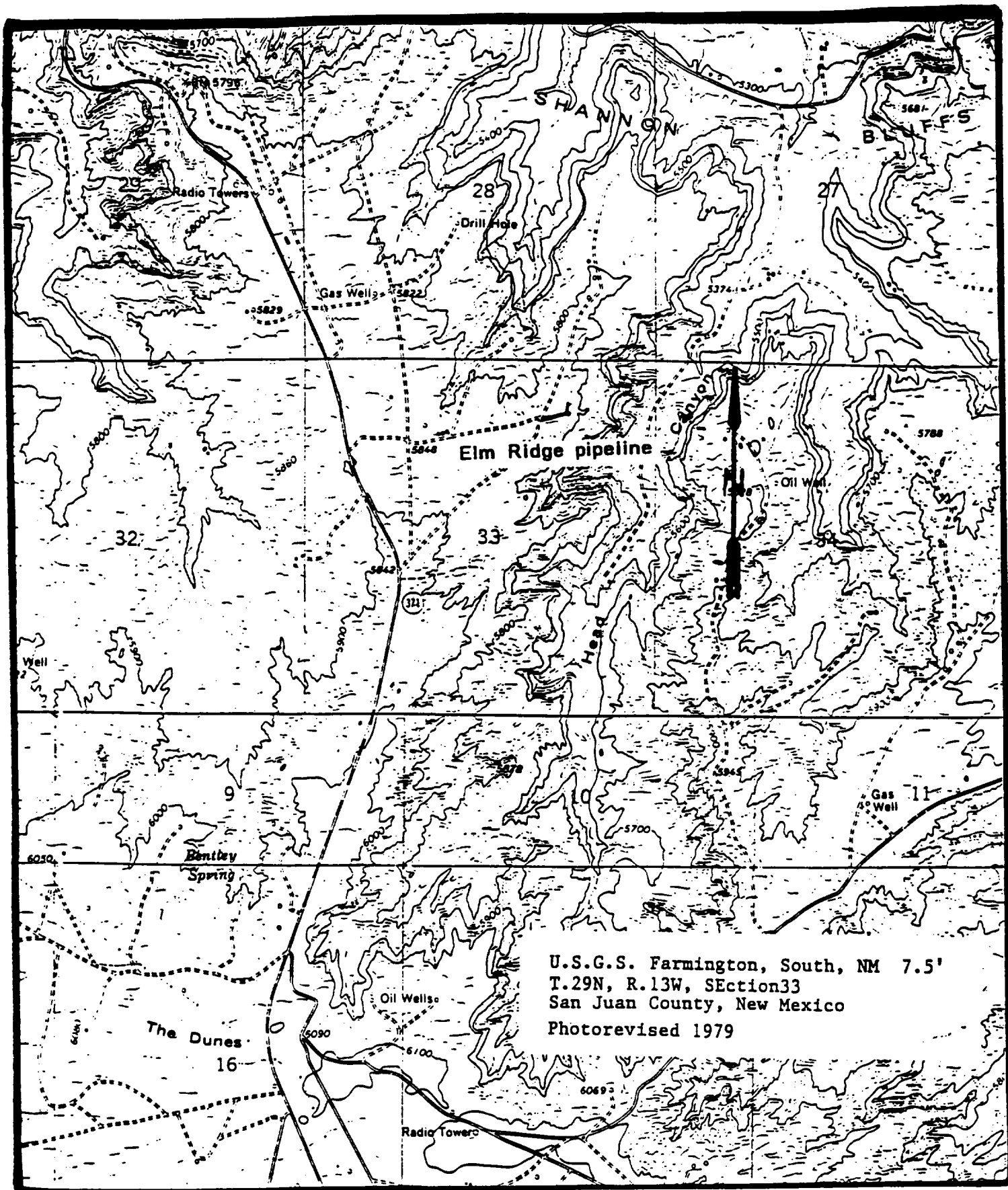


Figure 2. Project Area

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

# 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

BASIS OF BEARINGS

N00°03'00"W  
5272.09'

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

EXISTING

PIPELINE

CENTERLINE

S 75°16'22" W 340.61'

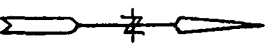
P.I. #1  
STA. 0+36.84

S 44°50'41" W  
36.84'

0+00  
BEGIN PIPELINE - CALLOWAY #2



SCALE: 1" = 50'



## RESOURCE LIST

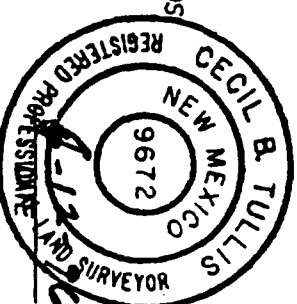
GLO TOWNSHIP PLAT T29N R13W



New Mexico  
State Surveyors  
101 W. 32ND STREET  
FARMINGTON, NEW MEXICO  
(505) 328-2959

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 #9672



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

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

Do not use this form for proposals to drill or to deepen or reenter 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.

P.O. BOX 3936 FARMINGTON, NMEX. 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

9. API Well No.

#2

10. Field and Pool, or Exploratory Area

Basin Fruitland

11. County or Parish, State

SAN JUAN, NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is 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/ 567,324 SCF 70 quality NITROGEN Foam and 80,000 # 20/40 ARIZONA sand. ISIP 1852\*, ATP 3763\*, AIR 30BPM
3. MURK 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 3 1 1996

OIL CON. DIV.  
DIST. 3

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

Signed

*Darryl Eubank*

Title

D.P. MANAGER

Date

5-23-96

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ACCEPTED FOR RECORD

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

LEASE DESIGNATION AND SERIAL NO.

NM 0468126

IF INDIAN, ALLOTTEE OR TRIBE NAME

USA DIVISION

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

G. H. CALLOW #2

API WELL NO.

3004507740

FIELD AND POOL, OR WILDCAT

BASIN FRUITLAND

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

Sec. 33-T29N-R13W

COUNTY OR PARISH

SAN JUAN

STATE

NMEX

PERMIT NO.

DATE ISSUED

3004507740

DATE SPUDDED

DATE T.D. REACHED

DATE COMPL. (Ready to prod.)

ELEVATIONS (OF RKB, RT, GR, ETC.)\*

ELEV. CASINGHEAD

11-3-53 7/16/53

5/23/96

5848' GL

TOTAL DEPTH, MD &amp; TVD

PLUG BACK T.D., MD &amp; TVD

IF MULTIPLE COMPL. HOW MANY?

INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

1596'

1561' 1545'

RECEIVED

ALL

PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME, MD AND TVD(S)

WAS DIRECTIONAL SURVEY MADE

1462'-1518'(RB) BASIN FRUITLAND

JUN - 3 1996

?

TYPE ELECTRIC AND OTHER LOGS RUN

OIL CON. DIV

WAS WELL CORED

CASED HOLE NEUTRON

NO

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	32	97'	12 1/4"	75 SX to surface	
5 1/2	15 1/2	1561'	7 7/8"	100 SX to surface	

LINER RECORD

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

TUBING RECORD

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

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 #

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/23/96		Flowing				SHUT-IN	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
5/23/96	3	3/4"	→		8.1		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
5	25	→		65			

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

FLARED. NO SALES. SEE WAITING C-104 APPROVAL

TEST WITNESSED BY

Tom Borger

LIST OF ATTACHMENTS

ACCREAGE DEDICATION PLAT

ACCEPTED FOR RECORD

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

SIGNED

Darryl Eubank

TITLE

OPERATIONS MANAGER

DATE

MAY 30 1996

\*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
FRUITLAND	1462'	1520'	GAS ZONE see reverse for detail	FRUITLAND PICTURED CLIFFS	FROM KB 1462' 1560'	

38. GEOLOGIC MARKERS

District I

PM 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 &amp; 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

☐ AMENDED REPORT

OIL CONSERVATION DIVISION BLM

2040 South Pacheco

Santa Fe, NM 87505

96 MAY 29 PM 3:56

070 FARMINGTON, NM

## WELL LOCATION AND ACREAGE DEDICATION PLAT

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

<sup>10</sup> Surface Location

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

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

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

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

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

	<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature: <u>Doug Endsley</u> Printed Name: <u>Doug Endsley</u> Title: <u>OPERATIONS MANAGER</u> Date: <u>5/29/96</u>
	<b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Date of Survey: Signature and Seal of Professional Surveyor:  <b>ACCEPTED FOR RECORD</b> Certificate Number: <u>MAY 30 1996</u>

RECEIVED  
JUN - 8 1996

OIL CON. DIV.  
DIST. 3

FARMINGTON DISTRICT OFFICE  
BY KT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
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

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 15x 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.

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

Signed

Darryl Indsley

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.

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, 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 SX
7 7/8"	5 1/2"	NA	1561'	100 SX

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  
DISC.

RECEIVED  
APR 22 PM 2:15

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

Darryl Embury

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:

NM000

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, Artesia, NM 88211-0719  
District III  
1000 Rio Bravo 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

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
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. B	Section 33	Township 29N	Range 13W	Lot Ida	Foot from the 890'	North/South Line NORTH	Foot from the 1750'	East/West Line EAST	County 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 4990 FARM. NILEX 87499	994230	G	

RECEIVED  
JAN 17 1996

IV. Produced Water

POD 994250	POD ULSTR Location and Description OIL CONSERVATION DIVISION
---------------	---

V. Well Completion Data

Spud Date	Ready Date	TD	RTD	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	AOF	Test Interval

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: 505-326-7089

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

Previous Operator Signature: [Signature]  
Printed Name: KRIS K. [Name]  
Title: President  
Date: [Date]

# RECEIVED

OCT 25 1988

OIL CON. DIV

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

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)

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

Other (Please explain)

If change of ownership give name and address of previous owner

Petro Corp

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>G. H. Callow</u>	Well No. <u>28</u>	Pool Name, including Formation <u>W. KUTZ PC</u>	Kind of Lease <u>State, Federal or Fee</u>	Lease No.
Location				
Unit Letter <u>B</u> : <u>890</u> Feet From The <u>N</u> Line and <u>1750</u> Feet From The <u>E</u>				
Line of Section <u>33</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. Sams  
(Signature)

President  
(Title)

9/28/88  
(Date)

OIL CONSERVATION DIVISION

APPROVED OCT 25 1988, 19

BY [Signature]

TITLE SUPERVISOR

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.

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
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-  
Effective 1-1-65

I. Operator

PetroCorp

Address

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

Reason(s) for filing (Check proper box)

New Well ☐

Recompletion ☐

Change in Ownership ☒

Change in Transporter of:

Oil ☐

Casinghead Gas ☐

Dry 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	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
G. H. Callow	2	Kutz Pictured Cliffs (West)	State, Federal or Fee Federal	0468126
Location				
Unit Letter	B	1750 Feet From The East Line and 890 Feet From The North		
Line of Section	33	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 <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)			
El Paso Natural Gas Company	P. O. Box 1492, El Paso, Texas 79978			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
Is gas actually connected?	When	1954		
Yes				

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

(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

MAR 30 1987

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.

PETROCORP

By:

(Signature)

OIL CONSERVATION COMMISSION

APPROVED

BY

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 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 deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. NM 0468126
2. NAME OF OPERATOR W. M. GALLAWAY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME U. S.
3. ADDRESS OF OPERATOR 101-2 Petroleum Plaza Bldg., Farmington, N.H. 07401	7. UNIT AGREEMENT NAME
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	8. FARM OR LEASE NAME G. H. Callow
	9. WELL NO. 2
	10. FIELD AND POOL, OR WILDCAT Fulcher Autz - West
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T29N, R13W
14. PERMIT NO.	12. COUNTY OR PARISH San Juan
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5848' DF	13. STATE N. H.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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

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.

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

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

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	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
G. H. Callow	2	Kutz Pictured Cliffs (West)	State, Federal or Fee Fed.	0468126
Location				
Unit Letter	B	1750 Feet From The East Line and 865 Feet From The North		
Line of Section	33	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 <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)	
El Paso Natural Gas Company	Box 1492, El Paso, Texas 79999	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
	Is gas actually connected?	When
	Yes	1954

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

(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  
BY Ernest C. Curly  
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 deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allow-

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

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**

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE.

Company or Operator <b>Tenneco Oil Company</b>				Lease <b>Callow, Glen H. (USA)</b>		Well No. <b>2</b>	
Unit Letter <b>B</b>	Section <b>33</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan</b>			
Pool <b>West Kutz Canyon PC.</b>				Kind of Lease (State, Fed, Fee) <b>Federal</b>			
If well produces oil or condensate give location of tanks			Unit Letter	Section	Township	Range	
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 <input checked="" type="checkbox"/> No <input type="checkbox"/>							
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)			
<b>El Paso Natural Gas Company</b>				<b>Farmington, New Mexico</b>			

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

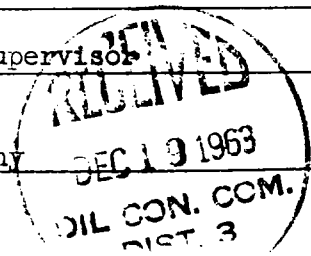
Change in Ownership ..... ☒  
Other (explain below)

Effective 1-1-64

Remarks  <b>To change name from Tenneco Corporation to Tenneco Oil Company</b>
--

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 <b>J. H. Watkins</b> Title <b>District Office Supervisor</b>
Approved by <b>Emory Chumley</b>	Company <b>Tenneco Oil Company</b>	
Title <b>Supervisor Dist. # 3</b>	Address <b>P. O. Box 1714 Durango, Colorado</b>	
Date <b>DEC 19 1963</b>		

OIL CONSERVATION COMMISSION

120 EAST CHACO  
132 AUG 1 1962  
AZTEC, NEW MEXICO

NOTICE OF DISCONNECT:

DATE June 27, 1962

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

Tenneco Corporation

Callow #2

OPERATOR

LEASE

"B"

33-29-13

West Kutz Pictured Cliff

WELL UNIT

S - T - R

POOL

El Paso Natural Gas Company

WAS MADE ON

June 25, 1962

NAME OF PURCHASER

DATE

DUE TO Well is to be used for water injection.

El Paso Natural Gas Company  
PURCHASER

*H. 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





NUMBER OF COPIES RECEIVED		5
DISTRIBUTION		
SANTA FE		
FILE		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	1
PRODUCTION OFFICE		
OPERATOR		

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**

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Tenneco Corporation</b>				Lease <b>Callow, Glen H. (USA)</b>		Well No. <b>2</b>
Unit Letter <b>B</b>	Section <b>33</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan</b>		
Pool <b>West Kutz Canyon</b>				Kind of Lease (State, Fed, Fee) <b>Federal</b>		
If well produces oil or condensate give location of tanks		Unit Letter	Section	Township	Range	
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 <input checked="" type="checkbox"/> No <input type="checkbox"/>						
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)			
<b>El Paso Natural Gas Company</b>			<del>El Paso Natural Gas Company</del> <b>Farmington, New Mexico</b>			

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)



Remarks  <b>Formerly Tennessee Gas Transmission Company</b>
---

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 <b>Wayne E. Cox</b>
Approved by 		Title <b>District Office Supervisor</b>
Title <b>Supervisor Dist. #3</b>		Company <b>Tenneco Corporation</b>
Date <b>MAR 1 1961</b>		Address <b>P. O. Box 1714 Durango, Colorado</b>

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 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 Canyon

County San Juan Kind of Lease: Federal

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.....

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 Emory C. 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




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~~ <sup>QUADRUPPLICATE</sup> 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)  
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

## Casing and Cementing Record

Size Feet Sax

8-5/8	97	80
5-1/2	1561	100

Remarks:

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

Approved DEC 22 1954 THE BAY PETROLEUM CORPORATION

(Company or Operator)

By: Pat Lay (Signature)

Title District Superintendent  
Send Communications regarding well to:

Name Pat Lay

Address Box 957, Denver, Colorado

By: Oil and Gas Inspector Dist. #3.  
Title

NEW MEXICO

Gas Well Plat

OIL CONSERVATION COMMISSION

MAIN OFFICE OCC

Date 12-21-54

The Bay Petroleum Corp. Callow  
Operator Lease

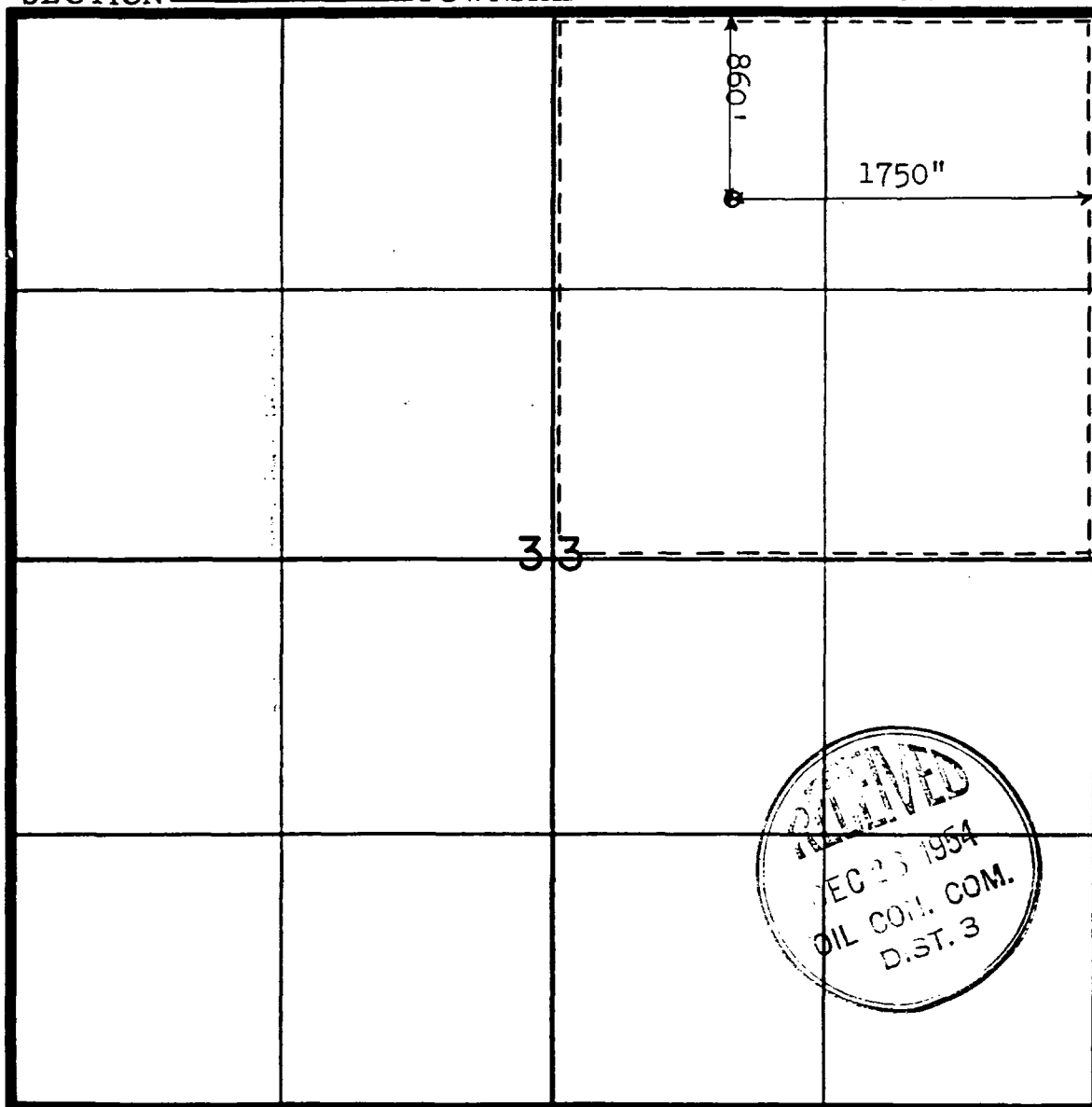
2  
Well No.

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 P. L. 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 and 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)

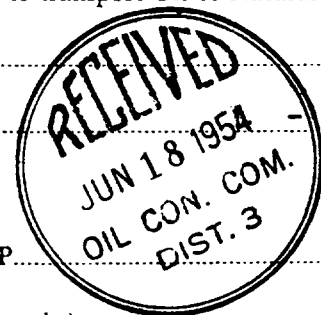
Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas  
from this unit are None

REASON FOR FILING: (Please check proper box)

NEW 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 15th day of June 1954

THE BAY PETROLEUM CORPORATION

Approved JUN 24 1954, 1954

OIL CONSERVATION COMMISSION

By Ernest C. Arnold

Title Oil and Gas Inspector Dist. #3

By Marvin F. Owens

Title Chief Petroleum Engineer

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 078931-3

Unit N/2 Sec. 33  
Designated Drilling Unit

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 29 N. 13 E. T14N  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 078931-B

Unit N/2 NE 1/4 of Sec. 33

Designated drilling unit

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS JUL 20 1953

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 (Field) T29N. R13W (Twp.) (Range) NMPM (Meridian)  
San Juan (County or Subdivision) New Mexico (State or Territory)  
Callow Canyon (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

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

Corral, New Mexico

By J. D. McLean

Title Geologist

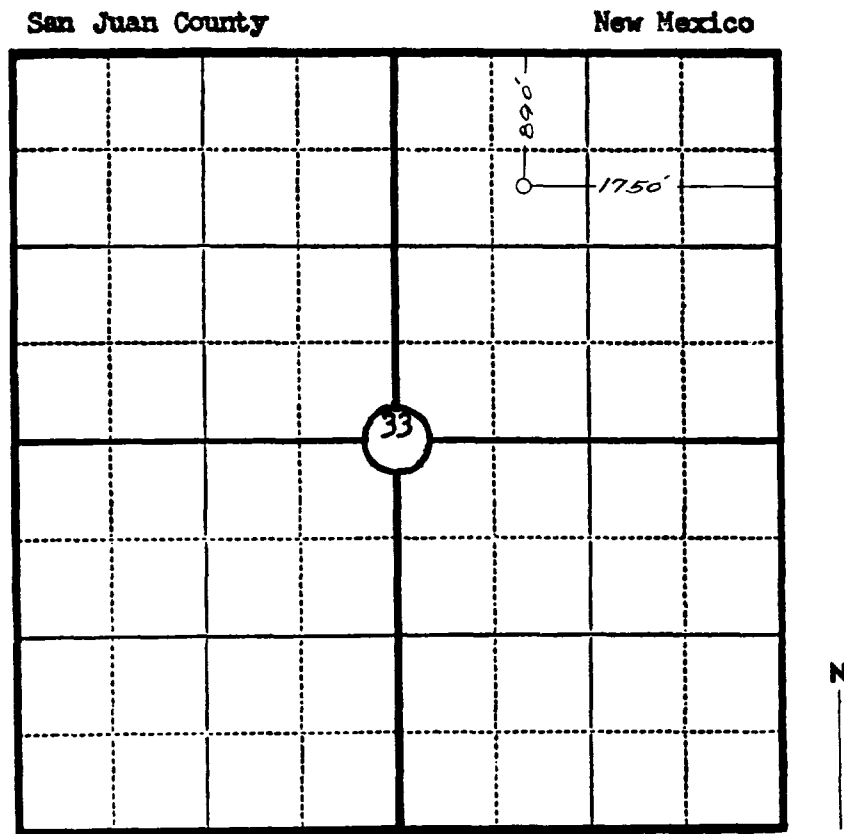
Company Bay Petroleum Corporation

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