

03-19-90

**T** Gas  
**R**  
**A**  
**N**  
**S**

TOPS		NITD X	Well Log	TEST DATA						
				Schd.	PC	Q	PW	PD	D	Ref.No.
Ojo Alamo		C - 103 ✓	Plat X							
Kirtland		C - 104	Electric Log							
Fruitland			C - 122							
Pictured Cliffs		Ditr	Dfa							
Chacra		Datr	Dac							
Cliff House										
Menefee										
Point Lookout										
Mancos										
Gallup										
Greenhorn										
Dakota										
Entrada										
<i>Alixon</i>			Acres W / 320							

**P**

BasinFrCoalCo. SJ S 23 T25N R12W U L Oper. Giant Explor. & Prod. Lse. Bisti Coal 23 No. 2

L-23-25N-12W

Giant Explor.&amp; Prod.



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA  
1235 LAPLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401



IN REPLY REFER TO:

NM-036253 et al. (WC)  
3162.3-1(F) (019)

JUN. 17 1991

**RECEIVED**

JUN 18 1991

**OIL CON. DIV.  
DIST. 3**

Giant Exploration and Production Company  
P. O. Box 2810  
Farmington, NM 87499

Gentlemen:

Enclosed are your Applications for Permit to Drill (APDs) well Nos.:

- ✓ 1. No. 1 East Bisti Coal 16, NW/4NE/4 sec. 16, T. 25 N., R. 11 W., San Juan County, New Mexico, NM-036253.
- ✓ 2. No. 2 East Bisti Coal 16, NW/4SW/4 sec. 16, T. 25 N., R. 11 W., San Juan County, New Mexico, NM-036253.
- ✓ 3. No. 1 East Bisti Coal 29, NW/4NE/4 sec. 29, T. 25 N., R. 11 W., San Juan County, New Mexico, NM-57577.
- ✓ 4. No. 1 East Bisti Coal 30 Com. NW/4SW/4 sec. 30, T. 25 N., R. 11 W., San Juan County, New Mexico, NM-68764.
- ✓ 5. No. 2 Beth Geiger, SE/4NW/4 sec. 17, T. 23 N., R. 7 W., Rio Arriba County, New Mexico, NM-58877.
- ✓ 6. No. 3 Beth Geiger, NE/4NW/4 sec. 17, T. 23 N., R. 7 W., Rio Arriba County, New Mexico, NM-58877.
- ✓ 7. No. 2 Eric Hixon, NW/4SW/4 sec. 15, T. 23 N., R. 7 W., Rio Arriba County, New Mexico, NM-58876.
- ✓ 8. No. 3 Eric Hixon, NW/4SE/4 sec. 15, T. 23 N., R. 7 W., Rio Arriba County, New Mexico, NM-58876.
- ✓ 9. No. 332 Carson Unit 19, SW/4NE/4 sec. 19, T. 25 N., R. 11 W., San Juan County, New Mexico, SF-078063.
- ✓ 10. No. 324 Carson Unit 19, SE/4SW/4 sec. 19, T. 25 N., R. 11 W., San Juan County, New Mexico, SF-078063.
- ✓ 11. No. 324 Carson Unit 24, SE/4SW/4 sec. 24, T. 25 N., R. 12 W., San Juan County, New Mexico, SF-078064.
- ✓ 12. No. 324 Carson Unit 17, SE/4SW/4 sec. 17, T. 25 N., R. 11 W., San Juan County, New Mexico, SF-078061.
- ✓ 13. No. 313 Carson Unit 13, NW/4SW/4 sec. 13, T. 25 N., R. 12 W., San Juan County, New Mexico, SF-078064.
- ✓ 14. No. 342 Carson Unit 17, SE/4NE/4 sec. 17, T. 25 N., R. 11 W., San Juan County, New Mexico, SF-078062-A.
- ✓ 15. No. 341 Carson Unit 25, NE/4NE/4 sec. 25, T. 25 N., R. 12 W., San Juan County, New Mexico, SF-078068-A.

# ABANDONED LOCATION

- ✓16. No. 2 Bisti Coal 26, NE/4SW/4 sec. 26, T. 25 N., R. 12 W., San Juan County, New Mexico, NM-51014.
- ✓17. No. 1 Bisti Coal 26, SW/4NE/4 sec. 26, T. 25 N., R. 12 W., San Juan County, New Mexico, NM-25451.
- ✓18. No. 2 Bisti Coal 23, NW/4SW/4 sec. 23, T. 25 N., R. 12 W., San Juan County, New Mexico, NM-25450.
- ✓19. No. 1 Bisti Coal 25, SE/4SW/4 sec. 25, T. 25 N., R. 12 W., San Juan County, New Mexico, NM-51014.

As discussed with Earlene Bickford of your company on June 7, 1991, the subject APDs are rescinded and returned due to drilling not being commenced within one year of the approval date.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill sites. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in assessment of liquidated damages.

Sincerely,

*John L. Keller*  
 John L. Keller  
 Chief, Branch of Mineral Resources

19 Enclosures

cc:

New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, NM 87410

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

Hixon Development Company

3. ADDRESS OF OPERATOR

P. O. Box 2810, Farmington, NM 87499

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

At surface

2510' FSL, 790' FWL

At proposed prod. zone

Section 23, T25N, R12W, NMPM

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

24.5 miles southeast of Farmington, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

530'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1120'

16. NO. OF ACRES IN LEASE

240.00

19. PROPOSED DEPTH

1300'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

W/ 320

20. ROTARY OR CABLE TOOLS

Rotary

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

6388' GLE

22. APPROX. DATE WORK WILL START\*

March 7, 1990

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

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8-3/4"	7"	20#	110'
6-1/4"	4-1/2"	10.5#	1300'

QUANTITY OF CEMENT WITH ATTACHED  
"GENERAL REQUIREMENTS".  
60 sks (1.18 ft<sup>3</sup>/sk)  
cmt to surface  
140 sks cmt to surface  
(75 sks - 2.06 ft<sup>3</sup>/sk)  
(65 sks - 1.18 ft<sup>3</sup>/sk)

It is proposed to drill the subject Basin Fruitland Coal Well. It will be evaluated on the basis of open hole logs. Please see attached Onshore Oil and Gas Order No. 1 data.

RECEIVED  
MAR 19 1990  
OIL CON. DIV.  
DIST. 3

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

John C. Corbett

TITLE

Vice President-Exploration

DATE

February 6, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

\*See Instructions On Reverse Side

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Hixon Development Company			Lease Bisti Coal 23		Well No. 2
Unit Letter L	Section 23	Township 25 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 2510 feet from the South line and 790 feet from the West line					
Ground level Elev. 6388	Producing Formation Fruitland		Pool Basin Fruitland Coal	Dedicated Acreage: 320 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

SF-078067

(CONTROL)

SW and SW $\frac{1}{4}$  Sec.  
Cor. 22-25-12

Section 23

RECEIVED

MAR 9 1990

OIL CON. DIV.  
DIST. 3

790'

2510'

NM-25450

OPERATOR CERTIFICATION

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

Signature

*John C. Corbett*

Printed Name

John C. Corbett

Position

Vice President-Exploration

Company

Hixon Development Company

Date

January 30, 1990

SURVEYOR CERTIFICATION

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

Date Surveyed

January 23, 1990

Signature & Seal  
Professional Surveyor

*Edgar Risenhoover*  
EDGAR RISENHOOVER  
NEW MEXICO  
5979  
Certificate No. 5979  
Edgar Risenhoover

[illegible]

Bisti Coal 23 No. 2

Section 23, T25N, R12W

SAN JUAN COUNTY, NEW MEXICO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 25450
2. NAME OF OPERATOR Hixon Development Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2810, Farmington, N.M. 87499		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 2510' FSL, 790' FWL, Sec. 23, T25N, R12W, NMPM		8. FARM OR LEASE NAME Bisti Coal 23
14. PERMIT NO.		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6388' GLE		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T25N, R12W
		12. COUNTY OR PARISH San Juan
		13. STATE N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input checked="" type="checkbox"/> Amended APD		

(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.)

Please accept this sundry as an amendment to the Application for Permit to Drill for the above referenced well.

Production casing will be 4-1/2", 9.5#, J-55, ST&C, Range 3, Smls.

Attached are an amended Pressure Control Equipment Schematic and Drilling Rig Location Plat.

RECEIVED  
APR 12 1990  
OIL CON. DIV.  
DIST. 3

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

SIGNED Aldrich L. Kuchera TITLE President

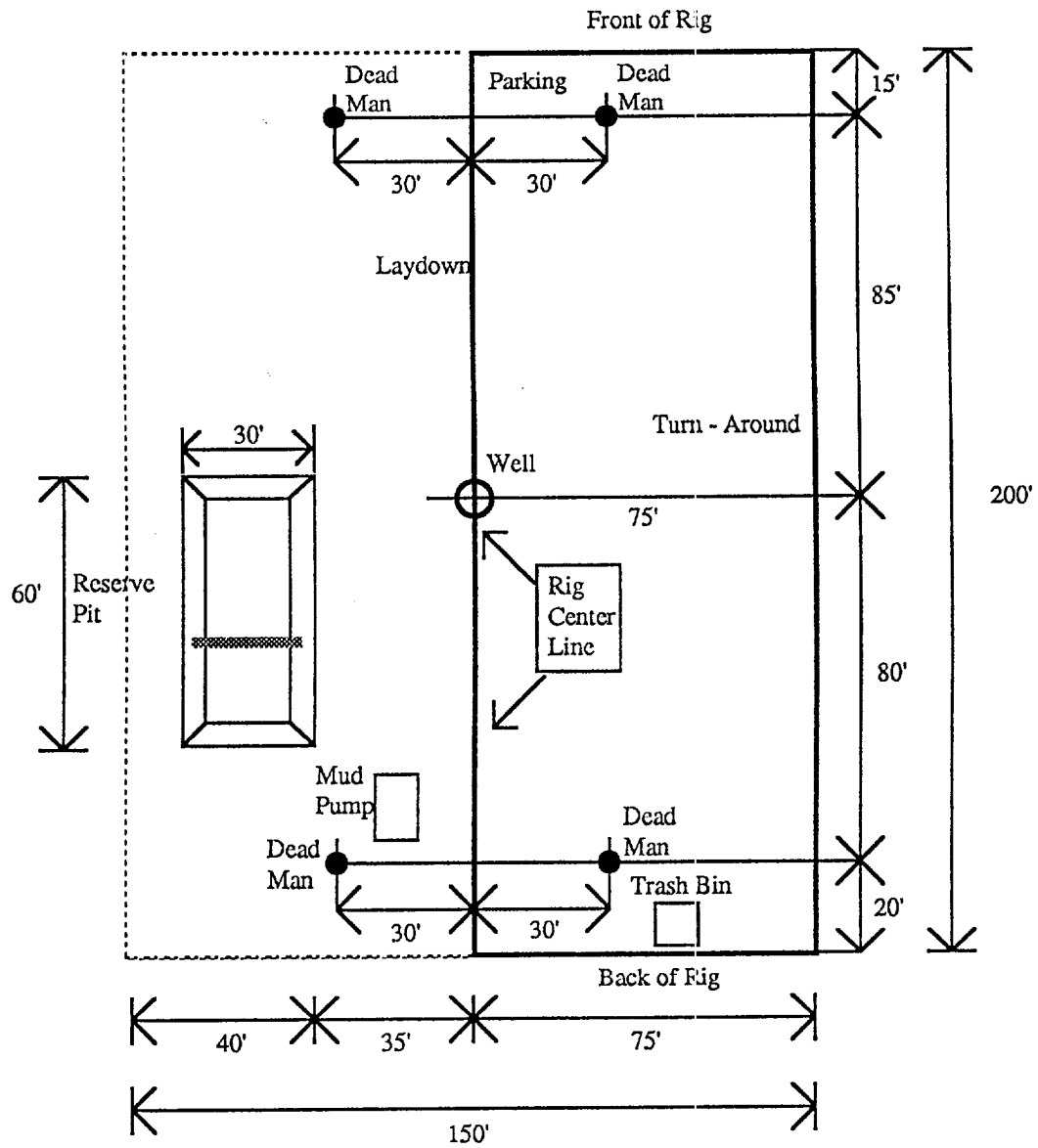
(This space for Federal or State office use)

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

APPROVED
DATE MAR 23 1990
DATE APR 08 1990
FOR AREA MANAGER FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

# Hixon Development Company Drilling Rig Location Plat

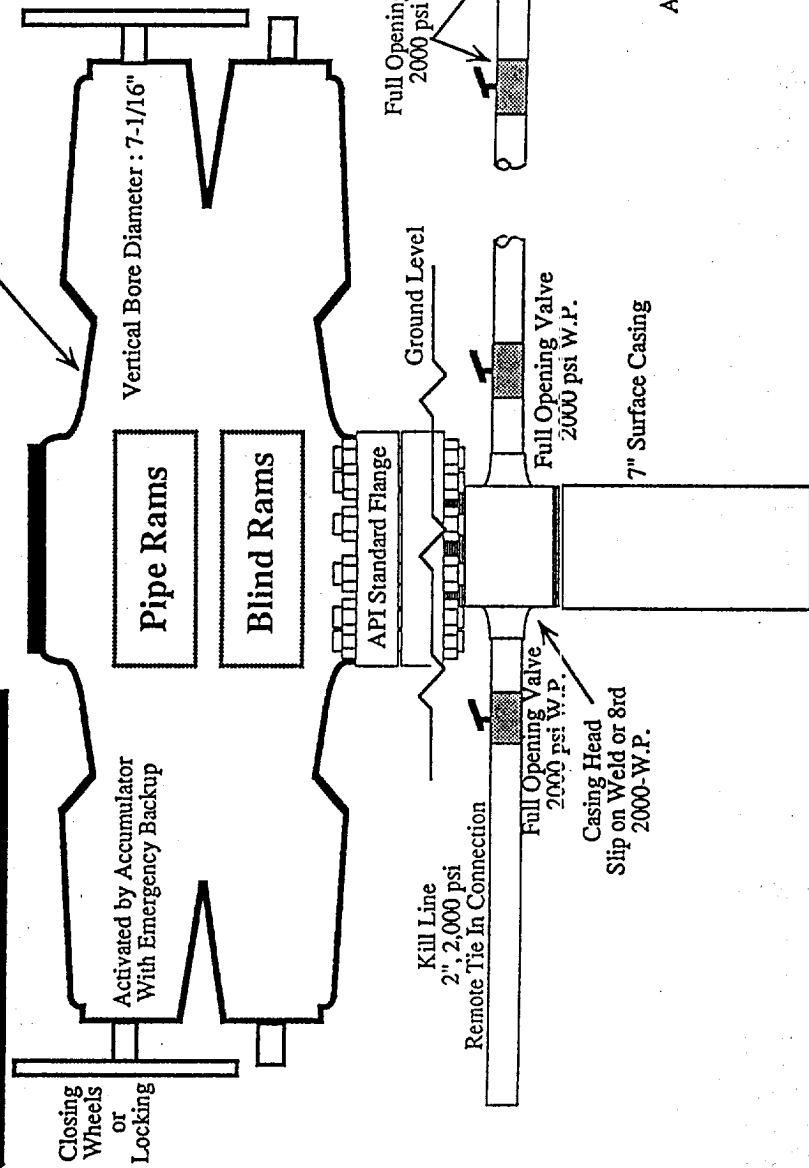




# Hixon Development Company Pressure Control Equipment

- Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.
2. Safety valves and necessary subs to fit all drill string in use will be available.

Shaffer Double Gate Blow Out Preventer  
6", 3000 psi W.P., 6000 psi Test, Type LWP



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Hixon Development Company		8. FARM OR LEASE NAME Bisti Coal 23
3. ADDRESS OF OPERATOR P.O. Box 2810, Farmington, New Mexico 87499		9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2510' FSL, 790' FWL, Sec. 23, T25N, R12W, NMPM		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T25N, R12W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6388' GLE		12. COUNTY OR PARISH San Juan
		13. STATE NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Operator Name Change <input checked="" type="checkbox"/>	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective July 1, 1990, Hixon Development Company changed their corporate name to Giant Exploration & Production Company.

RECEIVED  
SEP 11 1990  
OIL CON. DIV.  
DIST. 3

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

SIGNED Aldrich L. Kuchera TITLE President  
(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE JUL 13 1990

ACCEPTED FOR RECORD

DATE

SEP 06 1990

FARMINGTON RESOURCE AREA

BY

\*See Instructions on Reverse Side