

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEE REVERSE SIDE FOR INSTRUCTIONS
(Other instructions on reverse side)

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR Chace Oil Company, Inc.	3. ADDRESS OF OPERATOR 313 Washington SE, Albuquerque, NM 87108	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Unit A (NE $\frac{1}{4}$ NE $\frac{1}{4}$) 790 FNL and 790 FEL	5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 70	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME Jicarilla 70	9. WELL NO. 6	10. FIELD AND POOL, OR WILDCAT South Lindrith Gallup Dakota	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T24N, R4W	12. COUNTY OR PARISH Rio Arriba	13. STATE NM
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, ST, GR, etc.) 7059" GR											

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input 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 checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANE	<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.)*

PROPOSED PLUGGING PROCEDURE

Set cement plugs in the following stages:

1. Across the Dakota - 7244'-7144' plus 100% excess
 2. Across the Gallup - 6255'-6155' plus 100% excess
 3. Across the Mesa Verda - 4653"-4553' plus 50% excess
 4. Across the Chacra - 3885'-3785' plus 50% excess
 5. Cover Picuted Cliffs, Fruitland, Kirtland, Ojo Alamo - 3042'-2542'
 6. Across Nasiamiento - 1815'-1715' plus 50% excess
- Plug set 290' to surface, inside and outside of 4½ casing
Plugging mud between cement plugs

Set a dry hole marker
Fill all pits and recontour location
Reseed location as required

Plugging operation to start September 1991

RECEIVED
SEP 11 1991
SEE ATTACHED FOR
CONDITIONS OF APPROVAL
OIL CON. DIV.
DIST. 3

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

SIGNED <u>Hale Burns, Jr.</u>	TITLE <u>Field Supervisor</u>	DATE <u>8-29-91</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY: NMOCD		

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR

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

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 6 Jicarrilla 70

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl_2 is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, ~~and a nonfermenting polymer.~~ Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

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.)

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3. ADDRESS OF OPERATOR 313 Washington SE, Albuquerque, NM 87108	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 Unit A (NE $\frac{1}{4}$ NE $\frac{1}{4}$) 790 FNL and 790 FEL	8. FARM OR LEASE NAME Jicarilla 70
14. PERMIT NO.	9. WELL NO. 6
15. ELEVATIONS (Show whether DV, ET, GL, etc.) 7059' GR	10. FIELD AND POOL, OR WILDCAT South Lindrith Gallup Dak
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 27 T24N R4W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

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"/>	REPAIR OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <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 data, 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.)

Plugging Procedure:

- 1st 7244'-7144' Cement w/16 sks CL "B" Tagged TC @ 7069' Spot 12.5 Bbbs mud
- 2nd 6260'-6394' Set Cement Retainer 6167' Cement w/70 sks CL "B" - w/ 8sks
(6394-662) cement above retainer Spot 22 bbbs mud
- 3rd 4653'-4553' Set Cement Retainer 4733' Cement w/90 sks CL "B"- w/ 18 sks
Cement above retainer Spot 10 bbbs mud
- 4th 3885'-3785' Cement w/16 sks CL "B" cement Spot 11 bbbs mud
- 5th 3042'-2450' Cement w/44 sks CL "B" from 3042-2450 Cement w/ 16 sks @ 2450'
Perforated hole @ 2450' could not pump into - Spot 8 bbbs mud
- 6th 1815'-1715' Cement w/16 sks CL "B" spot 22 bbbs mud
- 7th Perforate hole @ 290' Circ. cement to surface on backside w/80 sks.

Approved as to plugging of the well top
Liability under bond is released, and
surface restoration is complete.

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

SIGNED [Signature]

TITLE Field Supervisor

DATE 10-16-91

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE 10-16-91

AREA MANAGER
FARMINGTON RESOURCES INC.

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <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 checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

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Dry hole marker has been installed.

All pits filled and location recontoured ready for reseeding

Waiting on El Paso Natural Gas to remove meter run.

Will advise your office when seeding is scheduled.

RECEIVED
JAN 0 1992
OIL CON. DIV
DIST. 3
NEW MEXICO
JAN 0 1992
DE

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

SIGNED John Burns, Jr.
(This space for Federal or State office use)

TITLE Field Supervisor

DATE 1-3-92

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____