From 3150 15 Normalier 1993 Formerly 9=33.,

WELL X

NAME OF OPERATOR

14. PERMIT NO API #

16

WELL

₱ 800' FSL & 730' FEL

OTHER

Hicks Oil & Gas, Inc.

UNITED STATES DEPARTMENT OF THE INTERIOR (Other instructions on re-

SUBMIT IN TRIPLICATE.

G19 FARKANGTON, N

Budget Bare at No. 10014-01 5 Expires August 31, 1985

B IF INDIAN, ALLOTTEE OR TRIBE NAME

5. LEASE DESIGNATION AND SECIAL .

Form approved.

NM - 09979

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS IM

(In 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.)

91 JUN 28 PH 1: 23 7. UNIT AGREEMENT NAME

> Southeast Cha Cha B. PARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL OR WILDCAT

Cha Cha Gallup 11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA

Sec 15-T28N-R13W

12. COUNTY OR PARISH, 13. STATE

San Juan

Other Data

3004513077'00D2 6094'KB & 6083'GL Check Appropriate Box To Indicate N

P.O. Drawer 3307, Farmington, M. 87499
LOCATION OF VELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below)
At surface

NOTICE OF INTENTION TO

PULL OR ALTER CASING FRACT' BE TREAT MULTIPLE COMPLETE SHOUT OR ACIDIZE ABANDON* _X CHANGE PLANS CEPAIR WELL

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

JUL 0 9 1991 OIL CON DIV.

REPAIRING WELL ALTERING CASING

Oth DIST. 3.
Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

proposed work. If well is direct onally driled, give subsurface locations and give pertinent dates, including estimated date of starting proposed work. If well is direct onally driled, give subsurface locations and measured and true vertical depths for all markers and gones is nent to this work.)

We propose to amend the approved P & A Sundry dated 8/9/85 as follows:

- Spot 60 cf cement inside $4\frac{1}{2}$ " casing from 5790'-5350'. Gallup Top 3 5400'.
- 2. Perforate $4\frac{1}{2}$ " casing @ 2715' & spot 59 cf cement from 2715'-2615' inside & outside casing. Mesa Verde Top @ 2665'.
- 3. Perforate $4\frac{1}{2}$ " casing @ 1600' & spot 146 cf cement from 1800'-1399' inside casing & from 1600-1399' outside casing. Pictured Cliff Top 3 1750' & Fruitland Top @ 1449'. Stage Collar @ 1968' cemented w/150 sx. Top of cement 1600' from temperature survey.
- Perforate 4½" casing @ 388' & circulate cement to surface. Ojo Alamo Top @ 338'.
- 5. Erect Dry Hole Marker.

Note: Mud (91b/gal) or light weight cement (11 1b/gal or better) will be spotted between all plugs.

> Str AllAreO FUR CONDETIONS OF APPROVAL

1. I hereby certif; that the foregoing is true and correct

Jim Hicks

o for Federal or State office use)

APPROVED B! CONDITIONS OF APPROVAL, IF ANY:

TITLE President

DATE

JUL/05 1991

APPROVED

DATE _6/26/91

TAREA MANAGER FARMINGTON RESOURCE AREA

*See Instructions NMC/."

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: 30 SE Cha Cha Unit

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. WINK 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. Flugging 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 CaCl₂ 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.
 - Sa. 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 withdrawl 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.