Fig. 31605 .N venber 10g.b (Furmerly 9-331)	UNITED STATES DEPARTMENT OF THE IN- BUREAU OF LAND MANAGE ORY NOTICES AND REPOR	MENT	on re-	Budget Bureau No. Expires August 31. 5. LEASE DESIGNATION AND  NM-09979 6 IF INDIAN, ALLOTTEE OR	1985 8581AL 8
(De not use this f	orm for proposals to drill or to deepen or Use "APPLICATION FOR PERMIT—" for	plug back to a different reservo	oir.		
OIL GAS WELL	Pampa .	91 JUN 28 PM	1:23	7. UNIT AGREEMENT NAME Southeast Cha Ch	na
2. NAME OF OPERATOR  Hicks Oi  ADDRESS OF OPERATOR	L & Gas, Inc.	019 FARMINGTO	M. N.M 	8. FARM OR LEASE NAME 9. WBLL NO.	
	wer 3307, Farmington, NM 8 port location clearly and in accordance with	17499 b any State requirements.*		35 10. FIELD AND POOL OR WI Cha Cha Gallup 11. SEC., T., R., M., OR BLK. SURVEY OR AREA	
1980' FNL & 660' FEL H			Sec. 22-T28N-R13	3W	
14. PERMIT NO API # 30045073200S1			— l	12. COUNTY OR PARISH 13 San Juan	. STATE
16.	Check Appropriate Box To India	are Nature of Notice, Reg	or <b>t-ort</b>	Par E	
No	DTICE OF INTENTION TO:	[D)	ما ال		
TEST WATER SHUT-OF	PULL OR ALTER CASING	WATER SHUT-	\	REPAIL WELL	
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTUBE TREATM	ENTJUL	091991 ALTERING CASING	:
SHOOT OR ACIDIZE	ABANDON® X	SHOOTING OR ACIDI		ABANDON MENT'	
REPAIR WELL	CHANGE PLANS	(Other)	JIL CI	ON. DIV.	
(Other)				Report and Log form.	
17 DESCRIBE PROPOSED OR proposed work. If nent to this work.)	COMPLETE DesERRATIONS Clearly state all pewerles are et enany druled, give subsurfac	rtinent details and give pertin- e locations and measured and tr	ent dates. Tue vertical	including estimated date of i depths for all markers and	starting any I zones pert.

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

- 1. Spot 59 cf cement inside  $4\frac{1}{2}$ " casing from 5792'-5360'. Top of Gallup @ 5410'.
- 2. Perforate  $4\frac{1}{2}$ " casing @ 2720' & spot 59 cf cement from 2720'-2620' inside & outside casing. Top of Mesa Verde 2670'.
- 3. Perforate  $4\frac{1}{2}$ " casing 1680' & spot 194 cf cement from 1815'-1383' inside casing & from 1680'-1383' outside casing. Stage collar @ 2078' cemented w/150 sx. Top of cement 1680' from temperature survey. Top of Pictured Cliff @ 1765' & Top of Fruitland @ 1433'.
- 4. Perforate 4½" casing @ 446' & circulate cement to surface. Top of Ojo Alamo @ 396'.
- 5. Erect Dry Hole Marker.

## SEE ATTACHED FOR CONDITIONS OF APPROVAL

Note: Mud (9 lb/gal) or light weight cement (11 lb/gal between all plugs.	or bester) will be spotted. APPROVED
SIGNED Jim Hicks	DATE 6/26/91
APPROVED BY	DATE AMANGOER FAIGUNGTON RESCURCE AREA
*See Instructions on Reverse Side	TO THE WELL WITH THE TO

MMOCD

## 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: 35 SE Che Cha Unic

## 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<sub>2</sub> 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 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.