

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 16 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-078385A
2. Name of Operator Burlington Resources Oil & Gas Company LP		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 4289, Farmington, NM 87499	3b. Phone No. (include area code) (505) 326-9700	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit N (SESW), 990' FSL & 1650' FWL, Sec. 23, T30N, R8W		8. Well Name and No. Howell L 1
		9. API Well No. 30-045-09277
		10. Field and Pool or Exploratory Area Blanco Mesaverde
		11. Country or Parish, State San Juan, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

Extend PC plug down to 3060'
Extend Fruitland plug up to 2560'

RCVD JAN 24 '13
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Dollie L. Busse		Title Staff Regulatory Technician
Signature <i>Dollie L. Busse</i>		Date 1/16/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title JAN 22 2013
Conditions of approval, if any, are attached. Approval of this notice 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.	Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instruction on page 2)

NMOCDFV

ConocoPhillips
HOWELL L 1
Expense - P&A

Lat 36° 47' 33.252" N

Long 107° 38' 52.512" W

PROCEDURE

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
5. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.
6. TOOH with tubing (per pertinent data sheet).

Rods:	No	Size:		Length:	
Tubing:	Yes	Size:	2-3/8"	Length:	5,366'
Packer:	No	Size:		Depth:	

Round trip watermelon mill to 4692' (50' above Mesaverde perforations), or as deep as possible.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

7. Plug 1 (Mesaverde Perforations, Formation Top, and Intermediate Casing Shoe, ⁴⁴⁶³~~4580~~-4692', 43 Sacks Class B Cement)

RIH and set 4-1/2" CR at 4692'. Load tubing with water and attempt to establish circulation. Pressure test casing to 800 psi and tubing to 1000psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 13 sx Class B cement and spot inside casing above CR to isolate the Mesaverde perforations, Mesaverde formation top, and intermediate casing shoe. PUH.

Chacra plug 3711-3611
8. Plug 2 (Pictured Cliffs Formation Top, ^{2008 2903}~~2950-3050~~', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot balance plug inside casing to isolate the Pictured Cliffs formation top. PUH.

^{2725 2625}
9. Plug 3 (Fruitland Formation Top, ~~2425-2525~~', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot balance plug inside casing to isolate the Fruitland formation top. PUH.

¹⁷⁸⁰
10. Plug 4 (Ojo Alamo and Kirtland Formation Tops, ~~1800-2070~~', 25 Sacks Class B Cement)

Mix 25 sx Class B cement and spot balance plug inside casing to isolate the Ojo Alamo and Kirtland formation tops. PUH.

11. Plug 5 (Nacimiento Formation Top, 549-649', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot balance plug inside casing to isolate the Nacimiento formation top. POOH.

12. Plug 6 (Surface Shoe, 0-367', 84 Sacks Class B Cement)

Perforate squeeze holes @ 319'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix 84 sx Class B cement and pump down the 4-1/2" casing to set inside plug from 367' and circulate good cement out bradenhead. Shut in well and WOC.

13. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

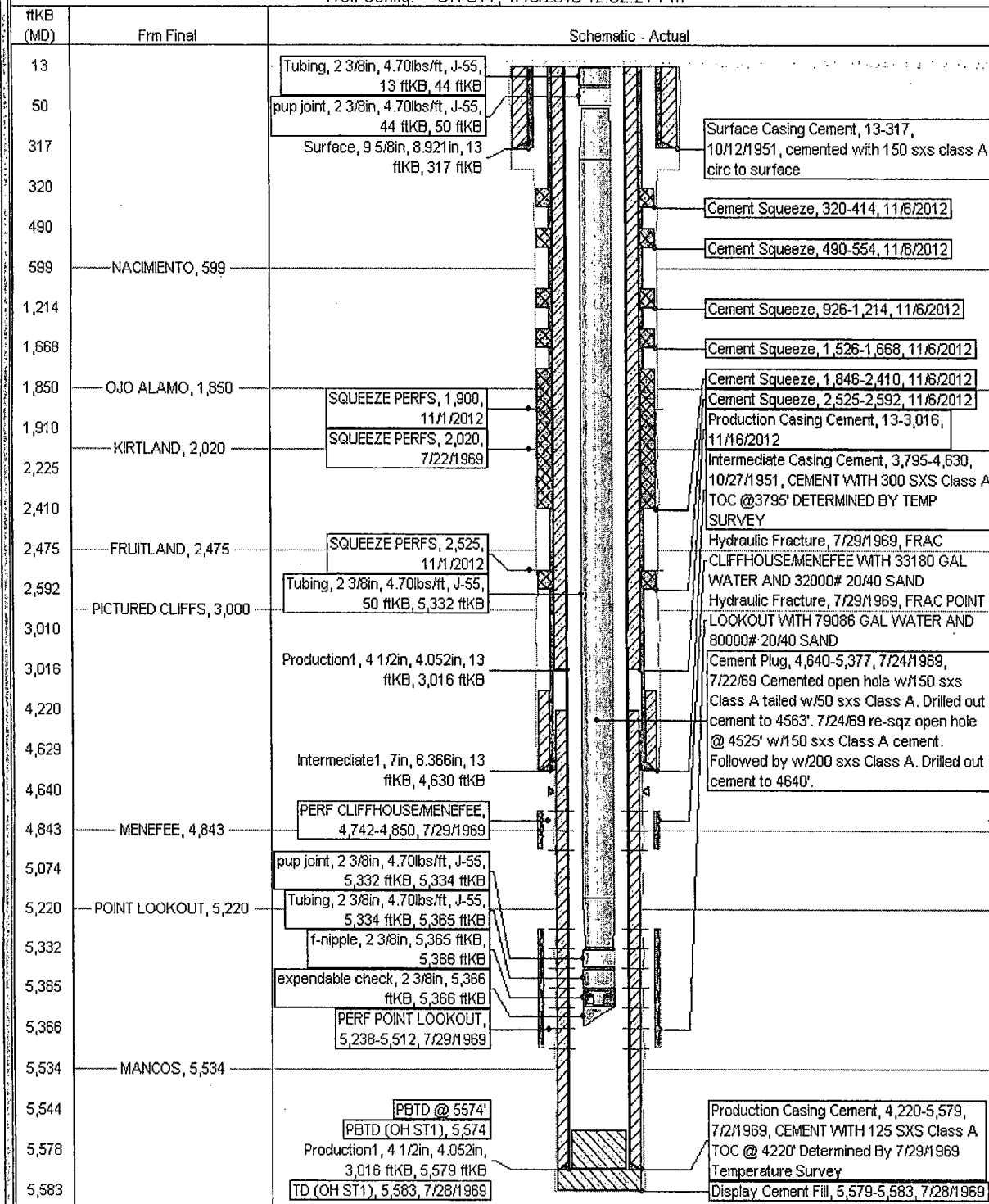
Current Schematic

ConocoPhillips

Well Name: HOWELL L #1

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004509277	023-030N-008V-V-N	SUNCO RESERVE (PERFORATED)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grout Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,132.00	6,145.00	13.00	6,145.00	6,145.00		

Well Config: - OH ST1, 1/15/2013 12:52:21 PM



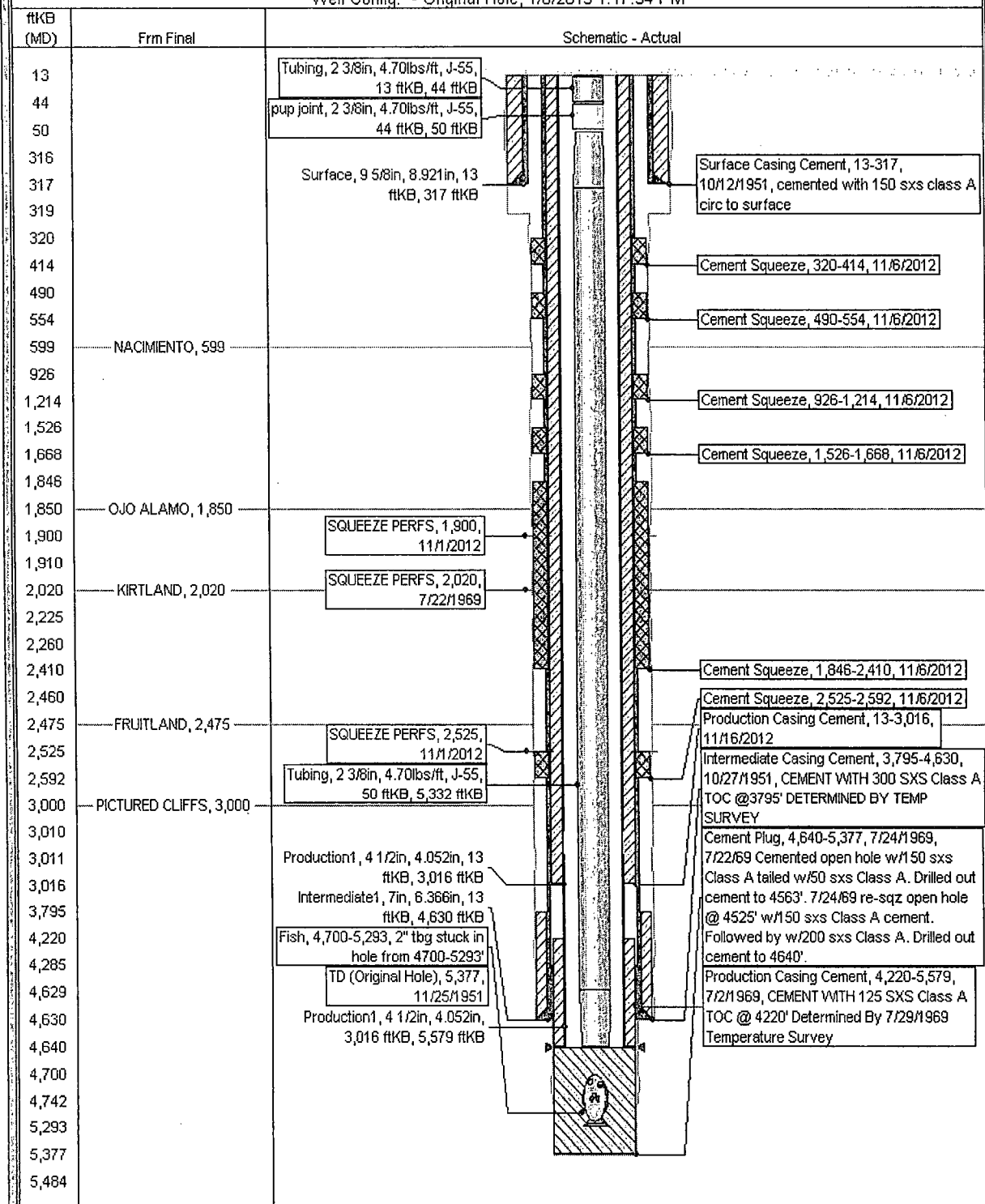
Current Schematic

ConocoPhillips

Well Name: HOWELL #1

API / UWI	Surface Legal Location	Field Name	License No.	State / Province	Well Configuration Type	Edit
3004509277	023-030N-008W-N	BLANCO MESQUITE (PERMANENT ...)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,132.00	6,145.00	13.00	6,145.00	6,145.00		

Well Config: - Original Hole, 1/8/2013 1:17:54 PM



Proposed Schematic

ConocoPhillips

Well Name: HOWELL L #1

API Well	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004509277	023-030N-008W-4N	MANCOS, OJO ALAMO, KIRTLAND		NEW MEXICO		
Ground Elevation, ft	Original B-RT Elevation, ft	IS-Grout Distance, ft	IS-Casing Flange Distance, ft	IS-Tubing Hanger Distance, ft		
6,132.00	6,145.00	13.00	6,145.00	6,145.00		

Well Config: - OH ST1, 1/1/2020

ftKB (MD)	Frm Final	Schematic - Actual
13		Surface Casing Cement, 13-317, 10/12/1951, cemented with 150 sxs class A circ to surface
50		Plug #8, 13-367, 1/1/2020, Mix 84 sx Class B cement and pump down the 4-1/2" casing to set inside plug from 367' and circulate good cement out bradenhead
317	Surface, 9 5/8in, 8.921in, 13 ftKB, 317 ftKB	Plug #8, 13-367, 1/1/2020, Mix 84 sx Class B cement and pump down the 4-1/2" casing to set inside plug from 367' and circulate good cement out bradenhead
320	SQUEEZE PERFS, 319, 1/1/2020	Cement Squeeze, 320-414, 11/6/2012
414		Cement Squeeze, 490-554, 11/6/2012
549		Plug #5, 549-649, 1/1/2020, Mix 12 sx Class B cement and spot balance plug inside casing to isolate the Nacimiento formation top
599	NACIMIENTO, 599	Cement Squeeze, 926-1,214, 11/6/2012
926		Cement Squeeze, 1,526-1,668, 11/6/2012
1,526		Plug #4, 1,800-2,070, 1/1/2020, Mix 25 sx Class B cement and spot balance plug inside casing to isolate the Ojo Alamo and Kirtland formation tops
1,800		Cement Squeeze, 1,846-2,410, 11/6/2012
1,850	OJO ALAMO, 1,850	Plug #3, 2,425-2,525, 1/1/2020, Mix 12 sx Class B cement and spot balance plug inside casing to isolate the Fruitland formation top
1,910	KIRTLAND, 2,020	Cement Squeeze, 2,525-2,592, 11/6/2012
2,070		Production Casing Cement, 13-3,016, 11/16/2012
2,260		Plug #2, 2,950-3,050, 1/1/2020, Mix 12 sx Class B cement and spot balance plug inside casing to isolate the Pictured Cliffs formation top
2,425		Intermediate Casing Cement, 3,795-4,830, 10/27/1951, CEMENT WITH 300 SXS Class A TOC @3795' DETERMINED BY TEMP SURVEY
2,475	FRUITLAND, 2,475	Plug #1, 4,580-4,692, 1/1/2020, Mix 13 sx Class B cement and spot inside casing above CR to isolate the Mesaverde perforations, formation top, and intermediate casing shoe
2,592		Hydraulic Fracture, 7/29/1969, FRAC CLIFFHOUSE/MENEFEE WITH 33180 GAL WATER AND 32000# 20/40 SAND
3,000	PICTURED CLIFFS, 3,000	Hydraulic Fracture, 7/29/1969, FRAC POINT LOOKOUT WITH 79080 GAL WATER AND 80000# 20/40 SAND
3,011		Cement Plug, 4,640-5,377, 7/24/1969, 7/22/69 Cemented open hole w/150 sxs Class A tailed w/50 sxs Class A. Drilled out cement to 4563'. 7/24/69 re-sqz open hole @ 4525' w/150 sxs Class A cement. Followed by w/200 sxs Class A. Drilled out cement to 4640'.
3,050		Production1, 4 1/2in, 4.052in, 13 ftKB, 3,016 ftKB
4,220		Intermediate1, 7in, 6.366in, 13 ftKB, 4,630 ftKB
4,580		Cement Retainer, 4,692-4,693
4,630		PERF CLIFFHOUSE/MENEFEE, 4,742-4,850, 7/29/1969
4,692		
4,742	MENEFEE, 4,843	
4,850		
5,075	POINT LOOKOUT, 5,220	
5,238		
5,334		
5,366		PERF POINT LOOKOUT, 5,238-5,512, 7/29/1969
5,512		
5,543	MANCOS, 5,534	PBTD @ 5574'
5,574		PBTD (OH ST1), 5,574
5,579		Production1, 4 1/2in, 4.052in, 3,016 ftKB, 5,579 ftKB
		TD (OH ST1), 5,583, 7/28/1969
		Production Casing Cement, 4,220-5,579, 7/2/1969, CEMENT WITH 125 SXS Class A TOC @ 4220' Determined By 7/29/1969 Temperature Survey
		Display Cement Fill, 5,579-5,583, 7/29/1969

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 1 Howell L

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Place the Chacra plug from 3711' – 3611'.
 - b) Place the Pictured Cliffs plug from 3003' – 2903'.
 - c) Place the Fruitland plug from 2725' – 2625'.
 - d) Bring the top of the Kirtland/Ojo Alamo plug to 1780'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

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