Form 3160-5 (June 1990)

## UNITEL STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

PORM APPROVED Budget Bureau No. 1004-0135

	Expires:	March	31,	1993	
. Kesse	Designat	ion and	Seri	al No	۶.

Lease Designation and Serial No.	-
NM-03595-A	
If Indian, Allottee or Tribe Name	

West   Generation   Generatio	CHARDY NOTICES	NM-03595-A		
SUBMIT IN TRIPLICATE   7. If Unit or CA, Agreement Designation   SUBMIT IN TRIPLICATE   7. If Unit or CA, Agreement Designation   SUBMIT IN TRIPLICATE   7. If Unit or CA, Agreement Designation   7		6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE  7. If Unit or CA, Agreement Designation  Wall Code  Wall Other  BCO_TINC  3. Wall Name and No.  FSC_GALLUD_UNITT.  9. AR Wall No.  FSC_GALLUD_UNITT.  10. F	Use "APPLICATION FOR	PERMIT—" for such proposals		
Type of Well Will Other    Will Name and No.   Section 100   No.			7. If Unit or CA, Agreement Designation	
Second   Generative   Generat	SUBMIT	IN TRIPLICATE		
Name of Operator  SCO., T.NC.  Address and Telephone No.  135 GRANT, SANTA FE, NM 97501 (505) 983-1228  10. Field and Produce, Sec., T., R. M. or Survey Description)  1980' FSL & 1980' FML, NMPM  S170-124N-RSW  CHECK APPROPRIATE BOX(s) "O INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  Notice of Insteat  Recompletion  Notice Casing Repair  Notice Casing Repair  Notice Casing Repair  Notice Reports to Marketing Casing  Other  Discribe Proposed or Completed Operations (Centry asses all perithered data), and give perithered data, including estimated data of starting any proposed work. If well in directionally drilled give abburbles locations and measured and true vertical depths for all markets and zones perithered data, including estimated data of starting any proposed work. If well in directionally drilled give abburbles locations and measured and true vertical depths for all markets and zones perithered data, including estimated data of starting any proposed work. If well in directionally drilled give abburbles locations and measured and true vertical depths for all markets and zones perithered data, including estimated data of starting any proposed work. If well in directionally drilled give abburbles location in completed.  Approved as to pluggling of the well bore, Lightly in the completed completed.  Approved as to pluggling of the well bore, Lightly in the completed complete	Type of Well			
BCO, INC.  Address and Telephone No.  135 GRANT, SANTA FE, NM 97501 (505) 983-1228  10. Pauls and Pool, or Exploratory Area FSCRITO CALL LIP  1980' FSL & 1980' FWL, NMPM  S170-124N-RSW  CHECK APPROPRIATE BOX(s) "O INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of laters  Subsequent Report  Recomplation  Recomplation  Abandoonnest Notice  Abandoonnest Notice  Abandoonnest Notice  Charles Report  Recomplation  Recomplation  Discribe Proposed or Completed Operations (Charly state all positions) details, and give perlicent dates, including estimated date of starting any proposed work. If well is directionally drillic give subsurfices locations and measured and true vertical depths for all markers and zones perlicent to this work.)*  Approved as to plugging of the well bore, Liability for the completed of the completed o			8. Well Name and No.	
Approved as to plugging of the well bore.    SANTA FETURN RETURN RECEIPT REQUESTED: P626 361 857   Approved as to plugging of the well bore. Inching any proposed work, if well is directionally drilled give absorber for regions and measured and true vertical display for all matters and zones pertinent to this work.}    Approved as to plugging of the well bore. Inching a retained during any proposed work. If well is directionally drilled give absorber for proposed or Completed.		·		
135 GRANT, SANTA FE, NM 87501 (505) 983-1228    10. Field and Pool of Exploratory Area   10. Field and Pool of Explorat				
11. County or Parish, State RIO ARRIBA, NM RIO ARRIBA, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION New Construction New Con	•	10. Field and Pool, or Exploratory Area		
RIO ARRIBA, NM  CHECK APPROPRIATE BOX(s) "O INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  Notice of fasear  Recompletion Non-Rousine Prescription N	Location of Well (Footage, Sec., T., R., M., or Survey Der	scription)	ESCRITO GALLUP	
CHECK APPROPRIATE BOX(s) "O INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION    Notice of latests   Change of Plans	1980' FSL & 1980' FWL, N	11. County or Parish, State		
CHECK APPROPRIATE BOX(s) "O INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION    Notice of Island   Notice of Island   Recompletion   Now Construction   Now Construction   Now Construction   Now Recompletion   Now Recomple	<del>-</del>	y-17-29-10	RIO ARRIBA, NM	
TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Interex		V	DT OR OTHER DATA	
Notice of Intent   Notice of Intent   Notice of Intent   New Construction   New Constru	CHECK APPROPRIATE BOX(s	O INDICATE NATURE OF NOTICE, REPO	HI, OR OTHER DATA	
Recompletion   New Construction   Other   Construction   Conversion to Injection   Conversion	TYPE OF SUBMISSION	TYPE OF ACTION		
Plugging Back   Casing Repair   Water Shat-Off   Convention on Injection   Charly state all per linear details, and give pertinent dates, including estimated date of starring any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical dispha for all markers and zones pertinent to this work.)    Certification of Starring any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical dispha for all markers and zones pertinent to this work.)    Certification is consistent of the well bore.   Convenient of the well bore.   Certification   Convenient of the well bore.   Certification   Certification   Convenient on the work. If well is directionally drilled give subsurface locations and measured and true vertical dispha for all markers and zones pertinent to this work.)    Certification   Certification   Convenient on the continuation of the well bore.   Certification   Certification   Convenient on the continuation   Certification   Certification   Convenient on the continuation   Certification   Convenient   Certification   Certification   Convenient   Certification   Certification   Convenient   Certification   Certification   Certification   Convenient   Certification   Certification   Convenient   Certification   Ce	Notice of Intent	X Abandonment	Change of Plans	
Casting Repair    Casting Repair   Casting Casting   Conversion to Injection     Dispose Water     Choice: Repair making an analysis completed of making control of making completed of making completed of making control	_	Recompletion	New Construction	
Conversion to Injection   Cheer   Ch	Subsequent Report	Plugging Back		
Describe Proposed or Completed Operations (Clearly state all per timent 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 daysha for all markers and zones pertinent to this work.)*  CERTIFIED RETURN RETURN RECEIPT REQUESTED: P626 361 857  ATTACHMENTS: PLUG AND ABANDONMENT REPORT  Approved as to plugging of the well bore. Liability for all is retained until icration is completed.  Approved as to plugging of the well bore. Liability for all is retained until icration is completed.  Title				
Conditions of Repeatable Poperations (Clearly state all per timent 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 disputs for all markers and zones pertinent to this work.)*  CERTIFIED RETURN RETURN RECEIPT REQUESTED: P626 361 857  ATTACHMENTS: PLUG AND ABAN DONMENT REPORT  Approved as to plugging of the well bore.  Liability for bond is retained until coration is completed.  Table  Title  SENIOR FIELD ENGINEER  Date  Conditions of approval, if any:  Title  Date  Title  Date  Title  Date  Testerrors of approval, if any:  Liability to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and willfully to make to any department or agency of the United Silbets any face for any person knowingly and will any	Final Abandonment Notice			
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Approved as to plugging of the well bore. Liability that bond is retained until survise.  OIL CORO DIVO DISTO 3  I hereby certify that the foregoing is true and correct Signed	LEGEIMER			
Surial Seration is completed.  OIL CONO DIVO DISTO 3  I hereby certify that the foregoing is true and correct Signed	[D] E [G E [ V E []])	Anna 1		
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Signed	0[[] GON. D[V. <b>DIST. 3</b>	mon to complete.		
Approved by	47.ch 11/11/04	SENIOR FIELD ENGINEER	Date 05/31/94	
Conditions of approval, if any:  the 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 figure 1001.	(This space for Federal or State office use)			
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	tle 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 Unite	od States any fatte rectified of the ment statement	

BCO Inc. Escrito Gallup Unit #13 1980' FSL and 1980' FEL SE, 17, T24N, R7W Rio Arriba County, NM. NM-03595-A

## PLUG AND ABADONMENT REPORT

## Cementing Summary:

- Plug #1 with 35 sxs Class B cement from 6089' to 5635' inside casing.
- Plug #2 with retainer set at 4123' mix 11 sxs Class B cement from 4123' to 3981'.
- Plug #3 with cement retainer at 2381' mix 80 sxs Class B cement, squeeze 73 sxs below retainer from 2391' to 2381' and spot 7 sxs above retainer from 2381' to 2316'. 2622
- Plug #4 with retainer at 2080' mix 109 sxs of Class B cement and squeeze below retainer at 1200 psi.
- with retainer at 2080' mix 22 sxs Class B cement from top of Plug #4B retainer to 1794'.
- Plug #5 with 115 sxs Class B cement from 479' to surface, circulated 1 bbl good cement out casing.

## Plugging Summary:

- 5-18-94 Safety Meeting. Drive rig to location. Rig up. Rig up relief lines and bleed well. Open up well. Casing 100 psi; tubing 75 psi. Bleed tubing down; then pump 20 bbls water down tubing to kill well. ND wellhead. NU BOP and stripping head. Change over tools for 2-1/16" tubing. Shut in well. SDFN.
- 5-19-94 Safety Meeting. Open up well; no pressure. PU and RIH 2 joints of 2-1/16" tubing; tag bottom at 6089'. Plug #1 with 35 sxs Class B cement from 6089' to 5635' over Gallup perforations. POH and WOC. ND BOP. PU on 2-7/8" tubing and release Baker Packer at 300'. NU BOP and LD 10 j:s of 2-7/8" tubing and packer; left bottom half of packer in hole. RU wireline and RIH; tag packer junk in well at 306'. POH with wireline; RU sinker bars and 4-1/2" gauge ring on Attempt to chase packer junk to bottom. Hung up at wireline. 2500'. POH with wireline. PU casing scraper; RIH with tubing and drive packer to 5735'. POH and LD casing scraper. Attempt to perforate 4 squeeze holes at 4176', misfire. POH with wireline. SDFN.

BCO Inc.
Escrito Gallup Unit #13
1980' FSL and 1980' FEL
SE, 17, T24N, R7W
Rio Arriba County, NM.
NM-03595-A

Safety Meeting. Open up well. Perforate 4 squeeze holes at 4176'. PU 4-1/2" cement retainer and RIH; set at 4123'. Pressure test tubing to 15:00 psi; OK. Sting out of retainer; load well with 40 bbls water and circulate clean. Pressure test casing to 500 psi, leak 1/2 bpm at 500 psi. Sting back into retainer and attempt to establish rate into Mesa Verde squeeze holes, pressured up to 1500 psi. (Procedure change on Plug #2 approved by H. Lujan, BLM). Sting out of retainer. Plug #2 with retainer set at 4123' mix 11 sxs Class B cement from 4123' to 3981'. POH and LD setting tool. Perforate 4 squeeze holes at 2622'. PU 4-1/2" cement retainer and RIH; set at 2381'. Sting out of retainer and load well with 5 bbls water. Pressure test casing to 500 psi, leak 1/2 bpm at 500#. Sting back into retainer and establish rate into Pictured Cliffs squeeze holes 1 bpm at 1500 psi. Plug #3 with cement retainer at 2381' mix 80 sxs Class B cement, squeeze 73 sxs below retainer from 2381' mix 80 sxs Class B cement, squeeze 73 sxs below retainer from 2381' to 2316'. POH and LD setting tool. Perforate 4 squeeze holes at 2117'. PU 4-1/2" cement retainer and RIH; set at 2080'. Establish rate into Ojo

'2391' to 2381' and spot 7 sxs above retainer from 2381' to 2316'. POH and LD setting tool. Perforate 4 squeeze holes at 2117'. PU 4-1/2" cement retainer and RIH; set at 2080'. Establish rate into Ojo Alamo squeeze holes 1 bpm at 1500 psi. Plug #4 with retainer at 2080' mix 109 sxs of Class B cement and squeeze below retainer at 1200 psi. Sting out of retainer and stand back 10 stands. Shut in well and SDFN.

Safety Meeting. Open up well. RIH with tubing to 2080'. Establish circulation; pressure test casing to 500 psi, leak 1/4 bpm at 500 psi. Plug #4B with retainer at 2080' mix 22 sxs Class B cement from top of retainer to 1794'. POH to 479'. Plug #5 with 115 sxs Class B cement from 479' to surface, circulated 1 bbl good cement out casing. POH and LD tubing and setting tool. ND BOP and cut off well head. Install P&A marker with 20 sxs cement. Rig down and move off location.