DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  SUNDRY MOTICES AND REPORTS ON WELLS!  Do not use this form for proposals to diffl or to deepen or reently the different reservoir.  Jee "APPLICATION FOR PERMIT" for such physical different reservoir.  Jee "APPLICATION FOR PERMIT" for such physical different reservoir.  Jee "APPLICATION FOR PERMIT" for such physical different reservoir.  SUBMIT IN TRIPLICATE  SUBMIT IN TRIPLICATE  Well Sing of Wall Common and Triple of Application of Common and Triple of Submit Single of Common and Triple of Common a	Distribution: O+4	(BLM); 1-Accounting; 1-	- Crystal; 1-File			
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drif or to deepen or recently to a different it servoir.  Jse "APPLICATION FOR PERMIT" for such proposals AR 2 2 1939  SUBMIT IN TRIPLICATE  SUBMIT IN TRIPLICATE  SUBMIT IN TRIPLICATE  SUBMIT IN TRIPLICATE  OF THE CONTROL OF STREET AND ASSOCIATION OF SUCH PROPOSAL ARE 2 1939  Bisti Federal 33-29 #1  SUBMIT IN TRIPLICATE  OF THE CONTROL OF STREET AS A STREET AS A STREET DESCRIPTION OF SUCH PROPOSAL ARE 2 1939  SUBMIT IN TRIPLICATE  SUBMIT IN TRIPLICATE  OF THE CONTROL OF STREET AS A STREET DESCRIPTION OF SUCH PROPOSAL ARE STREET AS A STREET DESCRIPTION OF SUBMIT OF SUBMIT OF SUCH PROPOSAL ARE STREET AS A STREET DESCRIPTION OF SUBMIT OF S			•	AND IN THE PROPERTY OF THE PARTY OF	1	/ FORM APPROVED
BURRAU OF LAND MANAGEMENT  SUNDRY NOTICES AND REPORTS ON WELL  SUNDRY NOTICES AND REPORTS ON WELL  SUNDRY NOTICES AND REPORTS ON WELL  Jse "APPLICATION FOR PERMIT" or such prophosols M2 2 1989  SUBMIT IN TRIPLICATE  ONLY  SUBMIT IN TRIPLICATE  SUBMIT IN TRIPLICATE  ONLY  SUBMIT IN TRIPLICATE  SUBMIT IN TRIPLI	im 3160-3 ine 1990)			The state of the s		· · · · · · ·
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  Jee "APPLICATION FOR PERMIT—" for such proposals AR 2 2 1989  SUBMIT IN TRIPLICATE  SIBUST SUBMIT IN TRIPLICATE  SUBMIT	,					_
SUNDRY NOTICES AND REPORTS ON WELLS: 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		BOTESTO OF ETHIC	in in it is a second of the initial in its initial in its initial in its initial initi		2 money same 5.	
Do not use this form for proposals to drill or to deepen or reently the different reservoir.  Jee "APPLICATION FOR PERMIT—" for such proposal AR 2 2 1999  **SUBMIT IN TRIPLICATE**  SUBMIT IN TRIPLICATE**  SUBMIT IN TRIPLICATE**  Name of Operator  Name of Name and Na.  National of Operator  Name of Name and Na.  National of Operator  Name of Name and Na.  Name of Operator  Name of Name and Na.  Name of Operator  Name		SUNDRY NOTICES A	ND REPORTS ON V	/ELLIS		
SUBMIT IN TRIPLICATE   Well   Control   Well Name and No.	Do not use t					
Type of Well					99	
Type of Suburisson    Suburis   Contract   C		SUBMIT IN	I TRIPLICATE		7.	If Unit or CA, Agreement Designation
Well   Well   Other	Type of Well	•		See a continuo p		
Nume of Operator  Merrion Oil & Gas Corporation (14634)  Address and Telephon No.  Address and Telephon No.  Address and Telephon No.  Address and Telephon No.  Bisti Federal 333-29 #1  9 ARW PAIL So.  30-045-2607500  10-15 Relia Address.  Bisti Gallup  11-15 Relia Address.  CHE CK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF ACTION    X   Notice of Intent   X   Abandonment   X   Abandonment   X   Recompletion   New Construction   New Construction   New Construction   New Construction   New Construction   Recompletion   New Construction   New Constr	Oil G	1 1		DIST. 3		
Name of Operator Merrian Oil & Gas Corporation (14634)  Address and Telephon No.  Address and Telephon No.  50 OR-RIY Avenue, Farmington, NM 87401-2634 (505) 327-9801  10 Field and Paol, or Exploratory Area Black Control of Control of Management County, New Mexico  Check Appropriate BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE (F SUMMSSION TYPE OF ACTION    Non-Received Report   Plugging Black   Non-Received Plugging Black   Non-Re	ven w	Other				
Merrion Oil & Gas Corporation (14634)  Address and Plaghors No.  610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801  1Describe Proposed or Completed Operations (Clearly state all performed details, and give performed dates, including estimated date of sarting any proposed work. If well is directionally digited with proposed or completed Operations (Clearly state all performed details, and give performed dates, including estimated date of sarting any proposed work. If well is directionally digited of the attached procedure.    Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.	Name of Operator				8.	
Address and Estaphone No.  1610 Relilby Avenue, Farmington, NM 87401-2634  Location of Wall (Poolage, Sec., T., R., M., or Survey Description)  1980' Si & 1980' Id (nw se)  Section 29, T25N, R11W  CHE CK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE CF SUBMISSION  TYPE OF ACTION  X Notice of Intenst  X Abandomment  Recompletion  New Construction  New Const	Marrian Oil	1 & Cas Cornaration	(14624)			
610 Reilly Avenue, Farmington, NM 87401-2634  Lossian of Well (Zoo age, Soc. T, R, M, or Survey Description)  1986 / St & 1980 / El (M ws se)  Section 29, T2SN, R11W  CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NCTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TO Casing Repair  Water State-Off  Wate			(14034)		<sup>9.</sup>	
Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent details, and give pertinent details and give pertinent dates. Including estimated date of starting any proposed work. If well is directionally of give subsurface ic cations and measured and true vertical depths for all markers and zones pertinent to dist work.)    Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally of give subsurface ic cations and measured and true vertical depths for all markers and zones pertinent to dist work.)    Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.	-		1-2634	(505) 327-9801	10	
11. County or Parish, State Section 29, F25N, R11W    San Juan County, New Mexico   CHE CK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   TYPE OF SUBMISSION   TYPE OF ACTION				(000)027,001		
Section 29, I25N, R11W  CHE CK APPROPRIATE BOX (s) TO INDICATE NATURE OF NCTICE, REPORT, OR OTHER DATA  TYPE (F SUBMISSION  TYPE OF ACTION    X   Notice of latent	1980' fel &	1980' fel (nw se)			11	
CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE (# SUBMISSION TYPE OF ACTION    X		` '			]11.	
CHE CK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    X	Section 27,	123N, K11W				
TYPE OF ACTION    X	CU.	CV ADDDODDIATE DOV	(a) TO INDICATE	NATURE OF NOTICE (		
Notice of Intent				NATURE OF NUTICE, I	REPORT	, OR OTHER DATA
Recompletion   New Construction   New Construction	TYPE	OF SUBMISSION	TYPE OF ACTION			
Recompletion   New Construction   New Construction   New Construction   New Construction   Non-Routine Fracturing   Casing Repair   Water Shut-Off   Casing Repair   Water Shut-Off   Conversion to Injection   Other   Dispose Water   Chief. Report results of multiple completion of Recompletion or Recompletion or Recompletion or Recompletion or Recompletion or Recompletion Report and Log for subsurface it cations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.  Title Contract Engineer   Date   3/10/99    (This space for Feders, or State office W. Spencer   Title   Contract Engineer   Date   MAR   1.8   1999   Conditions of approva. If any:	X	Notice of Intent	XA	bandonment		Change of Plans
Subsequent Report Pipaging Back Non-Routine Fracturing Water Shut-Off  Casing Repair Water Shut-Off  Altering Casing Conversion to Injection  Other Dispose Water  (Note: Report results of multiple completion of multiple completion on Completion or Recomplishor on Completion or Recomplishor Report and Log for Substitution of Recomplishor or Recomplishor Report and Log for Substitution of Recomplishor or Recomplishor Report and Log for Report and Log for Recomplishor or Recomplishor Report and Log for Recomplishor Report a	<u> </u>			acompletion		T Name Community
Casing Repair				•		New Construction
Altering Casing Conversion to Injection Other Completion or Recompletion or Re		Subsequent Report	L PI	ugging Back		Non-Routine Fracturing
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 dire subsurface Ic cations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.  Thereby certify that the foregoing is true and correct signed  Connic S. Dinning  Title  Contract Engineer  Date  3/10/99  Total Lead, Petroleum Management  Date MAR 18 1999  Conditions of approva, if any:			С	asing Repair		Water Shut-Off
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 dire give subsurface Ic cations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.  Thereby certify that the foregoing is true and correct signed Connic S. Diuning  Title Contract Engineer  Title Contract Engineer  Date 3/10/99  Total MAR 18 1999  Total U.S.C. Section 100 , makes 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 states.		F nal Abandonment Notice		tering Casing		Conversion to Injection
Complete Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally dri give subsurface It cations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.  Thereby certify that the foregoing is true and correct  Signed  Connie S. Diuming  Title Contract Engineer  Title Contract Engineer  Date 3/10/99  Team Lead, Petroleum Management  Date MAR 1 8 1999  Conditions of approva, if any:						F
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 drift give subsurface it cations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.  Thereby certify that the foregoing is true and correct Signed Connie S. Dillining  Title Contract Engineer  Title Contract Engineer  Title Conditions of approva, if any:  Team Lead, Petroleum Management  Date MAP 1 8 1999  Title USC. Section 100 , makes 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 stater			l □°	ther		·
Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.    Solution   Part   Part						Completion or Recompletion Report and Log for
Merrion Oil and Gas proposes to plug and abandon the subject well according to the attached procedure.    Contract Engineer   Date   MAR     8   1999	Describe Proposed or	completed Operations (Clearly state all pe	ertinent details, and give perti	nent dates, including estimated date of	starting any p	proposed work. If well is directionally dri
Thereby certify that the foregoing is true and correct  Gonnie S. Diuning  Connie S. Diuning  Title Contract Engineer  Obstee 3/10/99  The Contract Engineer  Obstee 3/10/99  The Contract Engineer  Date 3/10/99  The Contract Engineer  Obstee 3/10/99  Obstee 3/10/99  The Contract Engineer  Ob	give substituce i	Contons and incastred and little vertical de	epuis for all markers and zone	ss pertinent to this work.)		1
Thereby certify that the foregoing is true and correct  Signed Connie S. Diuning  (This space for Federa, or State office use). Spencer  Approved By S. Duane W. Spencer  Conditions of approva, if any:  Team Lead, Petroleum Management  Date MAR   8   999	Merrion Oil and	d Gas proposes to plug and	l abandon the subj	ect well according to the	attached	d procedure.
Thereby certify that the foregoing is true and correct ligned Connie S. Diuming  (This space for Federa, or State office use)  Approved By  Conditions of approva, if any:  Team Lead, Petroleum Management  Date  MAR   8   1999						
Thereby certify that the foregoing is true and correct ligned Connie S. Diuning  (This space for Federa, or State office use)  Approved By  Conditions of approva, if any:  Team Lead, Petroleum Management  Date MAR   8   1999					· · · · · · · · · · · · · · · · · · ·	
Thereby certify that the foregoing is true and correct ligned Connie S. Diuming  (This space for Federa, or State office use)  Approved By  Conditions of approva, if any:  Team Lead, Petroleum Management  Date  MAR   8   1999						
Thereby certify that the foregoing is true and correct  Signed Connie S. Diuning  (This space for Federa, or State office use). Spencer  Approved By S. Duane W. Spencer  Conditions of approva, if any:  Team Lead, Petroleum Management  Date MAR   8   999						
Title Contract Engineer  Connie S. Diuning  (This space for Federal or State office use)  Approved By Conditions of approva, if any:  Team Lead, Petroleum Management  Date  MAR 18 1999  Title  Title  Title  Team Lead, Petroleum Management  Date  MAR 18 1999  Title  Date  MAR 18 1999						<u>s</u> 5
Title Contract Engineer  Connie S. Dinning  (This space for Federal or State office use)  Approved By Conditions of approva, if any:  Team Lead, Petroleum Management Date  MAR 18 1999  Title  Title  Title  Title  Title  Title  Title  Total Lead, Petroleum Management Date  MAR 18 1999  Title  Total Lead, Petroleum Management Date  MAR 18 1999						
Title Contract Engineer  Connie S. Dinning  (This space for Federal or State office use)  Approved By Conditions of approva, if any:  Team Lead, Petroleum Management Date  MAR 18 1999  Title  Title  Title  Title  Title  Title  Title  Total Lead, Petroleum Management Date  MAR 18 1999  Title  Total Lead, Petroleum Management Date  MAR 18 1999						は ち 音
Title Contract Engineer  Connie S. Diuning  (This space for Federa: or State office use)  Approved By  Conditions of approva, if any:  Title Contract Engineer  Date 3/10/99  Title Contract Engineer  Date MAR   8   999  Title Contract Engineer  Date MAR   8   999						
Title Contract Engineer  Connie S. Diuning  (This space for Federa: or State office use)  Approved By  Conditions of approva, if any:  Title Contract Engineer  Title Contract Engineer  Date 3/10/99  Title Management  Date MAR   8   999						8 - 32
Title Contract Engineer  Connie S. Diuning  (This space for Federa: or State office use)  Approved By  Conditions of approva, if any:  Title Contract Engineer  Title Contract Engineer  Date 3/10/99  Title Management  Date MAR   8   999						3 <b>E</b> 5
Title Contract Engineer  Connie S. Di Ining  (This space for Federa: or State office use)  Approved By  Conditions of approva, if any:  Team Lead, Petroleum Management  Date MAR   8   999  Title Contract Engineer  Date 3/10/99  Title Date MAR   8   999  Title Contract Engineer  Team Lead, Petroleum Management  Date MAR   8   999						* -
Title Contract Engineer  Connie S. Dinning  (This space for Federal or State office use)  Approved By  Conditions of approva, if any:  Title Contract Engineer  Title Contract Engineer  Date 3/10/99  Title  Date MAR   8   999  Title  Total Lead, Petroleum Management  Date MAR   8   999						N 25
Title Contract Engineer  Connie S. Di uning  (This space for Federal or State office use)  Approved By  Conditions of approva, if any:  Team Lead, Petroleum Management  Date  MAR   8   999	. I hereby certify that th	or foregoing is true and correct				<u> </u>
Connie S. Dinning  (This space for Federa, or State office use)  Approved By Conditions of approva, if any:  Team Lead, Petroleum Management Date  MAR 18 1999  Title  Date MAR 18 1999  Title  Date MAR 18 1999  Title  Date MAR 18 1999  Title  Date MAR 18 1999	( )	2	_	November of TD		0110100
(This space for Federal or State office use) Approved By Conditions of approva, if any:  Team Lead. Petroleum Management Date MAR   8   999  Title  Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  Title  To a space for Federal or State office use) Date MAR   8   999  To a space for Federal or State office use) Date MAR   8   999  To a space for Federal or State office use) Date MAR   8   999  To a space for Federal or State office use) Date MAR   8   999  To a space for Federal or State office use) Date MAR   8   999  To a space for Federal or State office use) Date MAR   8   999  To a space for Federal or State office use) Date MAR   8   999  To a space for Federal or State office use) Dat		iuning	Title C	ontract Engineer		Date 3/10/99
Conditions of approva , if any:  He 18 U.S.C. Section 100 , makes 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 states						
Conditions of approva , if any:  He 18 U.S.C. Section 100 , makes 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 stater	Approved By	S/ Duane W. Spencer	Tear	n Lead, Petroleum Managemen	ŧ	Date MAD 1 8 1999
le 18 U.S.C. Section 100, makes 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 states	Approved by -		1 Itte			Date MHIL 1 0 1000
	)	•				
	- 18TTSC Section 100	makes it a crime for any namon lines	vingly and willfully to make	to any department or access of the	Linitad Ctat-	os any falso fictitions on female to the
			THISTY AND WITHOUTY TO ITIAKE	to any department or agency of the	onneu State	es any raise, inclitious or fraudulent staten

### Merrion Oil & Gas Corporation Plug & Abandon Procedure

March 8, 1999

Well: Location: Bisti Federal 33-29 No. 1 1980' fsl & 1980' fel (nw se) Field: Elevation: Bisti Gallup 6488' GR

Sec. 29, T25N, R11W, NMPM

6498' KB

San Juan County, New Mexico

By:

Connie Dinning

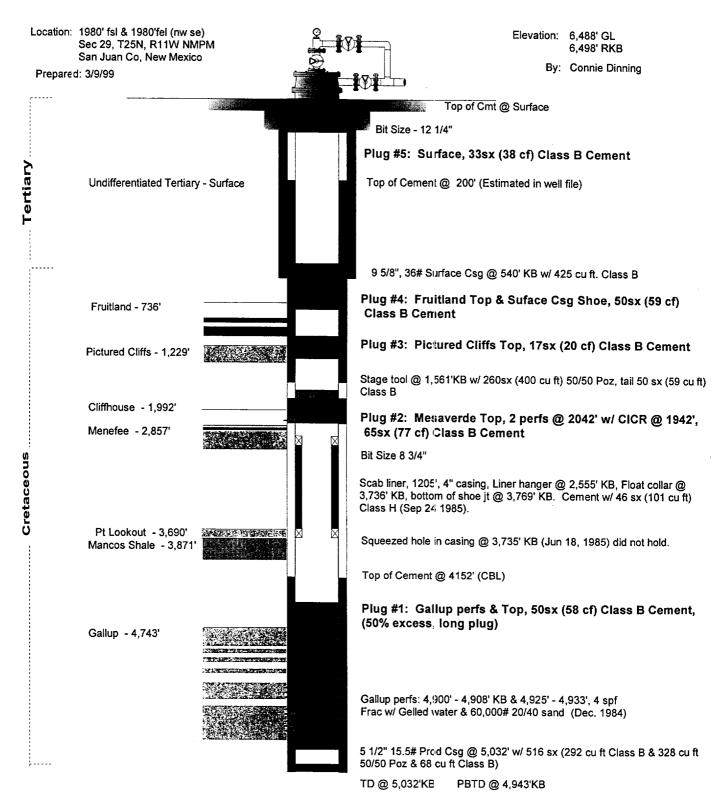
Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures.

- 1. Comply with all NMOCD, BLM and Merrion safety regulations.
- 2. Load casing w/ water. Tally out of hole w/ tubing and TIH w/ tubing to ±4850' KB.
- Plug #1 (Gallup perforations and top 4983' 4693', 50% excess, long plug): Mix 50 sx (58 cu. ft) Class B cement and pump into Gallup perfs if possible, w/ 50' over Gallup top. POH. WOC.
- 4. Plug #2 (Mesaverde top 2042' 1942'): Tag Gallup plug. Perforate 2 holes @ 2042'. Set CICR @ 1942'. Mix 65 sx (77 cu. ft) Class B cement and pump a balanced plug inside and outside casing to cover Mesaverde top. POH to 1179'.
- 5. Plug #3 (Pictured Cliffs top 1279 1179'): Mix 17 sx (20 cu. ft.) Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs top. POH to 490'.
- 6. Plug #4 (Fruitland top and Surface Shoe 786' 490'): Mix 50 sx (59 cu. ft) Class B cement and spot a balanced plug inside casing to cover Fruitland top and surface shoe. POH.
- 7. Plug #5 (Surface): Perforate 2 holes @ 50'. Establish circulation out bradenhead valve. Mix 33 sx (38 cu. ft) Class B cement and pump down 5 1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
- 8. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RDMOL, cut off anchors and restore location.
- 9. Restore location per BLM stipulations.

# Wellbore Schematic

#### Bisti Federal 33-29 #1

Proposed Plugged Wellbore Configuration



WELL DATA:

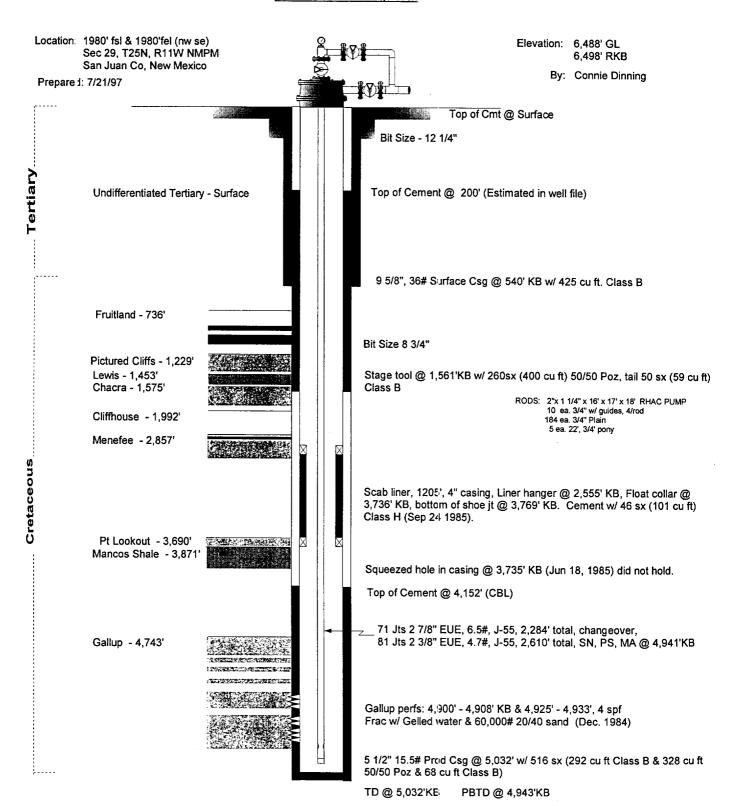
SPUD: :

Sep. 30, 1984 Nov. 11, 1984

## Merrion Oil & Gas Conjunction Wellbore Schematic

### Bisti Federal 33-29 #1

Current Wellbore Configuration



WELL DATA: