UNITED STATES       Contractions of reverse side)       SO -046 - 33566         DEPARTMENT OF THE INTERIOR       GEOLOGICAL SURVEY       S. LEASE DESIGNATION AND SEBIAL NO.         GEOLOGICAL SURVEY       SF -077652         Application For PERMIT TO DRILL, DEEPEN, OR PLUG BACK       C. IF INDIAN, ALLOTTES OR TBIBE NAME         Ia. TYPE OF WORK       DRILL N       DEEPEN       PLUG BACK       C. IF INDIAN, ALLOTTES OR TBIBE NAME         b. TYPE OF WORK       DRILL N       DEEPEN       PLUG BACK       R. FARM OR LEASE NAME         OIL       CAS       WELL       OTHER       SINGLE       MCLITIPLE       8. FARM OR LEASE NAME         2. NAME OF OPERATOR       8. FARM OF DEEATOR       8. FARM OR LEASE NAME       East         2. NAME OF OPERATOR       9. WELL       0. WELL NO.       44A         P. O. Drawer 570, Farmington, New Mexico       # 4A       10. FIELD AND FOOL, OR WILL (Report location clearly and in accordance with any State requirements.*)*       H and to Mesa Verice         At proposed prod. zone       I.640' FSL & 1010' FEL       Scetion 24, 731N, P.2         I4. DISTANCE IN MILES AND DEBECTION FROM NEAREST TOWN OR POST OFFICE*       I2. COUNTY OR FABISH 13. STATE	UNTED STATES         DEPARTMENT OF THE INTERIOR         Special status	Form 9-331 C (May 1963)				SUBMIT IN TH			d. 1 No. 42-R1425,		
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E CONSTRUE OF STATES       #4A         D: O. D. Praces 570, Farmington, New Mexico       #4.         How The Construct State Frequencies of the ary State requirements')       Blanco Mosa Verde         At unform       16.40' FSL & 1010' FEL         At unform       San Juan         At unformer	2. Conserver or protection       # 4A         10. O. Draver 570, Farmington, New Mexico       # 4A         11. Out in the server of the (Report location density and in accordance with any State requirements)*)       # 10. When a main of the server server sere servere server server server the server of the serve							East	_		
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1       barrent or with (Report location clearly and in accordance with any Slate requirements')       Blanco Mess Verde         1       1640' FSL & 1010' FEL       Section 24, 731N, *2         1       At proposed prod. and       Section 24, 731N, *2         1       barrent of the mass and barrents' for an accordance to the sector of the sector of a sector of	L CONTRON OF WILL (Report location clearly and in accordings with any Slate requirements")       Blanco Mess Verde         1640' FSL & 1010' FEL       Section 24, 738, 72         At proposed pred and       Section 24, 738, 72         14 DIFACE IN MILES AND DIMECTOR FACK NAMESET TOWN ON POST OFFICE*       Section 24, 738, 72         16 Difference in MILES AND DIMECTOR FACK NAMESET TOWN ON POST OFFICE*       Section 24, 738, 72         16 Difference in MILES AND DIMECTOR FACK NAMESET TOWN ON POST OFFICE*       Section 24, 738, 72         18 Difference in MILES AND DIMECTOR FACK NAMESET TOWN ON POST OFFICE*       Section 24, 758, 72         18 Difference in MILES AND DIMECTOR FACK NAMESET TOWN ON POST OFFICE*       Section 24, 758, 72         18 Difference in MILES AND DIMECTOR FACK NAMESET TOWN ON POST OFFICE*       Difference in MILES         19 Difference in MILES       PROPOSED CABING AND CHMENTING PROCEAM         11 EXERCISE       Section 77, 738, 72         12 Difference in MILES       PROPOSED CABING AND CHMENTING PROCEAM         12 Difference in MILES       PROPOSED CABING AND CHMENTING PROCEAM         12 Difference in MILES       MILES AND MILES         12 Difference in MILES       MILES AND MILES         13 Difference in MILES       MILES AND MILES         14 EXERCISE CABING AND CHMENTING PROCEAM       Section Title         12 Difference in MILES       MILES AND MILES <td></td> <td>570 p</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		570 p								
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12-1/4"       9-5/8"       36#       200'       130 cu. ft.         8-3/4"       7"       20#       2793'       346 cu. ft.         6-1/4"       4-1/2"       10.50#       2643'-5144'       438 cu. ft.         2-3/8"       4.7#       5050'         Surface formation is Nacimiento.         Top of the Ojo Alamo sand is at 1257'.         Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.         An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth.         No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather.         Gas is dedicated.         NAMOVE BESCHER PROPOSED FEGGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give-pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program. If any.         24       Dist. Production Manager Dec. 19, 1977         MANNE       NATE         Prevoved BY       NATE         APPROVAL DATE	12-1/4"       9-5/8"       36#       200'       130 cu. ft.         8-3/4"       7"       20#       2793'       346 cu. ft.         6-1/4"       4-1/2"       10.50#       2643'-5144'       438 cu. ft.         2-3/8"       4.7#       5050'         Surface formation is Nacimiento.         Top of the Ojo Alamo sand is at 1257'.         Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.         An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth.         No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather.         Gas is dedicated.         NAMOVE BESCHER PROPOSED FEGGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give-pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program. If any.         24       Dist. Production Manager Dec. 19, 1977         MANNE       NATE         Prevoved BY       NATE         APPROVAL DATE		I	PROPOSED CASH	NG ANI	D CEMENTING PROGRA	M				
8-3/4"       7"       20#       2793'       346 cu. ft.         6-1/4"       4-1/2"       10.50#       2643'-5144'       438 cu. ft.         5-1/4"       2-3/8"       4.7#       2050'       346 cu. ft.         Surface formation is Nacimiento.       Top of the Ojo Alamo sand is at 1257'.       Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.       An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth.       No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather.         Gas is dedicated.         NABOYZ SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or ping back, give data on present productive zone and proposed new productive zone. If ongosal is to drill or deepen directionally, give-pertinent data on subsurface locations and measured and tree vertical depths. Give blowout preventer program. If any.         Mathematication       TITLE       Dist. Production Manager Dec. 19, 1977         Other space for Federal or State office use)       APPROVAL DATE       DATE	8-3/4"       7"       20#       2793'       346 cu. ft.         6-1/4"       4-1/2"       10.50#       2643'-5144'       438 cu. ft.         5-1/4"       2-3/8"       4.7#       2050'       346 cu. ft.         Surface formation is Nacimiento.       Top of the Ojo Alamo sand is at 1257'.       Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.       An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth.       No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather.         Gas is dedicated.         NABOYZ SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or ping back, give data on present productive zone and proposed new productive zone. If ongosal is to drill or deepen directionally, give-pertinent data on subsurface locations and measured and tree vertical depths. Give blowout preventer program. If any.         Mathematication       TITLE       Dist. Production Manager Dec. 19, 1977         Other space for Federal or State office use)       APPROVAL DATE       DATE		SIZE OF CASING	WEIGHT PER F	00 <b>T</b>	SETTING DEPTH	]	QUANTITY OF CEMEN	r		
6-1/4"       4-1/2"       10.50#       2643'-5144'       438 cu. ft.         Surface formation is Nacimiento.       Top of the Ojo Alamo sand is at 1257'.       Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.       An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth.       No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78.       This depends on time required for approvals, rig availability and the weather.         Gas is dedicated.       Dist. Production Manager Dec. 19, 1977         With space for Federal or State office use)       Dist. Production Manager Dec. 19, 1977         PREMIT NO	6-1/4"       4-1/2"       10.50#       2643'-5144'       438 cu. ft.         Surface formation is Nacimiento.       Top of the Ojo Alamo sand is at 1257'.       Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.       An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth.       No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78.       This depends on time required for approvals, rig availability and the weather.         Gas is dedicated.       Dist. Production Manager Dec. 19, 1977         With space for Federal or State office use)       Dist. Production Manager Dec. 19, 1977         PREMIT NO		9-5/8"			200'	13	50 cu. ft.			
2-3/8"       4.7#       5050'         Surface formation is Nacimiento.       Top of the Ojo Alamo sand is at 1257'.         Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.         An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction         be run at total depth.         No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78. This depends on         time required for approvals, rig availability and the weather.         Gas is dedicated.         IN ABOYS SPACE DESCREAS PROFOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give-pertinent data on subsurface locations and measured and true verticel depths. Give blowout preventer program. It any.         24.       Dist. Production Manager Dec. 19, 1977         24.       Dist. Production Manager Dec. 19, 1977         24.       Dist. Production Manager Dec. 19, 1977         24.       PATE	2-3/8"       4.7#       5050'         Surface formation is Nacimiento.       Top of the Ojo Alamo sand is at 1257'.         Top of the Pictured Cliffs sand is at 2493'.         Fresh water mud will be used to drill to intermediate casing point.         An air system will be used to drill to total depth.         It is anticipated that a Gamma Ray Density and a Gamma Ray Induction         be run at total depth.         No abnormal pressures or poisonous gases are anticipated in this well.         It is expected this well be drilled before 4-1-78. This depends on         time required for approvals, rig availability and the weather.         Gas is dedicated.         IN ABOYS SPACE DESCREAS PROFOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give-pertinent data on subsurface locations and measured and true verticel depths. Give blowout preventer program. It any.         24.       Dist. Production Manager Dec. 19, 1977         24.       Dist. Production Manager Dec. 19, 1977         24.       Dist. Production Manager Dec. 19, 1977         24.       PATE		·			2793'	34	6 cu, ft.			
Surface formation is Nacimiento. Top of the Ojo Alamo sand is at 1257'. Top of the Pictured Cliffs sand is at 2493'. Fresh water mud will be used to drill to intermediate casing point. An air system will be used to drill to total depth. It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather. Gas is dedicated. IN ABOVE BEACE DESCRIBE PROPOSED PROCEAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Gire blowout preventer program. If any. It Dist. Production Manager Dec. 19, 1977 TITLE PATE	Surface formation is Nacimiento. Top of the Ojo Alamo sand is at 1257'. Top of the Pictured Cliffs sand is at 2493'. Fresh water mud will be used to drill to intermediate casing point. An air system will be used to drill to total depth. It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather. Gas is dedicated. IN ABOVE BEACE DESCRIBE PROPOSED PROCEAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Gire blowout preventer program. If any. It Dist. Production Manager Dec. 19, 1977 TITLE PATE	6-1/4"			ŧ	2643'-5144'	43	8 cu. ft.			
Top of the Ojo Alamo sand is at 1257'. Top of the Pictured Cliffs sand is at 2493'. Fresh water mud will be used to drill to intermediate casing point. An air system will be used to drill to total depth. It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather. Gas is dedicated. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to defill or deepen directionally, give-pertiment data on subsurface locations and measured and true vertical depths. Give blowout preventer program, it any. 24. Dist. Production Manager Dec. 19, 1977 NGCRED Dist. Or Federal or State office use) FERMIT NO. APPROVAL DATE APPROVAL DATE	Top of the Ojo Alamo sand is at 1257'. Top of the Pictured Cliffs sand is at 2493'. Fresh water mud will be used to drill to intermediate casing point. An air system will be used to drill to total depth. It is anticipated that a Gamma Ray Density and a Gamma Ray Induction be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected this well be drilled before 4-1-78. This depends on time required for approvals, rig availability and the weather. Gas is dedicated. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to defill or deepen directionally, give-pertiment data on subsurface locations and measured and true vertical depths. Give blowout preventer program, it any. 24. Dist. Production Manager Dec. 19, 1977 NGCRED Dist. Or Federal or State office use) FERMIT NO. APPROVAL DATE APPROVAL DATE		2-3/8"	4.7#		5050'					
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## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-85

		All dis	tances must be i	rom the out	er bounda:	ies of the s	Section.		
Operator	0 0	<b>.</b>		Lease	_				Well No.
Aztec 011 Unit Letter	& Gas Comp			East					4A
I	24	Township		Rang			unity		
Actual Fontage La		31	N	·····	12W	5	San Jua	an	
1640	feet from the	Canth							
Ground Level Elev			line and	<b>1010</b>		fest iron	n the Ea	ast	line Dediana i ta
5993	Mesa	Verde			Blan		/		Dedicated Acreage:
1. Outline t	he acreage ded		e subject w						
	uorougo uou	reated to th	c subject we	en by col	ored per	icii or ha	chure m	arks on t	he plat below.
2. If more t interest a	han one lease and royalty).	is dedicate	d to the well	l, outline	each an	d identify	the ow	nership t	thereof (both as to working
3. If more th dated by	ian one lease o communitization	f different o 1, unitization	wnership is o n, force-pooli	dedicated ng. etc?	to the v	vell have	the int	erests	all owners been consell-
🗌 Yes			'yes," type o		dation	DE	5028	1977	
If onewer	·		1. 1			101L	CON	СОМ. /	/
II answer	is "no," list th if necessary.)	ne owners an	nd tract desc	riptions v	vhich ha	ve artual	ly Selen	Fonsolid	ated. (Use reverse side of
this form	n necessary.)								
forced per	ble will be assi	igned to the	well until all	interests	; have be	een cons	olidated	(by com	munitization, unitization,
sion.	fing, or stnerwis	se) or until a	non-standard	1 unit, ef	iminating	g such inf	terests,	has been	approved by the Commis-
31011.							-		
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	ł			1					this plat was plotted from field
				1					actual surveys made by me or
				1	<b>@</b>	1010'			supervision, and that the same
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