District 1 FO Box 1980, He District II PO Drawer DD, J District III 1000 Rio Brazos District IV PO Box 2088, Sa APPLICA	Aricana, NM 8 Rd., Aziec, N nia Fe, NM 8	38211-0719 FM 87410 7504-2088	C RMIT	Energy, Min DIL CON Santa FO DRI Operator Na OXY USA	ISERVATIO PO Box 20 Fe, NM 87 LL, RE-EN me and Address. A Inc. ox 50250	Department DN DIVISION 088		nit to A	Inst State Fee AMEN OR AI	RID Number 16696 NFI Number	
* Prop	erty Code		<u> </u>		-	* Property Name				30 - 015 - 23485 • Well No.	
17055						Rodgers				1	
					<sup>7</sup> Surface	Location					
UL or lot no.	Section	Towaship	Range	Lot Idn	Feet from the	North/South fine	Feet from the	East/V	Vest line	County	
P	30	225	27E		330	South	860	Eas	st	Eddy	
						ion If Differen	· · · · · · · · · · · · · · · · · · ·				
UL or iot so.	Section	Township	Range	Lot Idn	Feet from the	North/South-line	Feet from the	East/\	Vest üne	County	
			d Pool I	G1	503.5	·	" Propo	ed Pool	2		
" Werk	" Work Type Code		Well Typ	e Code	<sup>13</sup> Cable/Rotary		14 Lease Type Code		" Ground Level Elevation		
Drill			011		Rotary		Fee		3174'		
"Muttiple Single			" Proposed Depth 7100 "		"Formation Bone Springs		" Contractor N/A		" Spud Data ASAP		
		<u> </u>	2	Propos	ed Casing a	nd Cement Pr	ogram		1		
Hole	Hole Size		Casing Size		ng weight/foot	Setting Depth	Sacks of Cement				
	17 1/2"		13 3/8"		48#	400'		500		Surface	
	11"		<u> </u>		32#	3000'		450		Surface	
	7 7/8"				/100						
zene. Describ	e the bioweu:	i prevention :	program, i S	fany. Use s EE OTHE	dditional sheets if (		APR OIL (C)	2.5	VE[ 1595 -	Port IN 1 D 5-5-95 View Love 2	
<sup>28</sup> 1 hereby cert of my knowled Signature: Printed name:	gs and belief.	A		true and com	-u	OIL CONSERVATION DIVISION  Approved by: ORIGINAL SIGNED BY THE W. GUM THE: DISTRICT II SUPERVISOR					
Title: Regulatory Analyst						Approval Date: AFR 2 7 1995 Expiration Date: 10-27-95					
Date: , 4/25/95 Phone						Conditions of Approval :					
3/,	30/95	_ ,,,,	915	-685-57	/1/	Attached .					

	400-3000'	12", 3M blind and pipe rams with 3M							
	30 - 100'	Hydril. 12", 3M blind and pipe rams with <sup>3</sup> M Hydril.							
Casing Program:	11" hole size	•							
Mud Program:	0-400' Fresh water spud mud. Control pH w/ lime (9 to 10). Wt. 8.7 to 9.0. Vis 35-40 sec. Paper for seepage. Lost circulation may be encountered, if so, fibers & cottonseed hulls may be used to regain circulation.								
-	400-3000' Brine water native mud. Control pH w/ lime (9.5 to 10). Wt 10.0 to 10.2 ppg, vis 26 to 28 sec. Paper for seepage. Lost circulation may be encountered, if so, fibers & cottonseed hulls may be used to regain circulation. Prior to running 8 5/8" casing, circulate a 100 bbl salt gel sweep, unless hole conditions indicate a very clean hole.								
	3000-6000' Fresh water native mud. Control pH w/ caustic(9.5 to 10). Wt. 8.4 ppg, vis 26-28.								
	characteristics: Wt 8.6 to 8.9 ppc	Gel, PolyPlus, Polypac w/ the following g., Vis 36 to 40 sec., PV 7 to 12 CPS, ter loss less than 10 cc., pH 9.5 to 10.5							
Cement Program:	SURFACE 500 sx of 14.8 ppg class "C" cement with 2% CaCl <sub>2</sub> and 0.25#/sk Cello-Seal. Yield 1.34 cuft/sk. Mix water 6.32 gals/sk. 100% excess.								
	INTERMEDIATE (Multiple Stage Tool 1500') First Stage - 250 sx 12.53 ppg Pacesetter Light "C" with 6% gel, 5% salt and 0.25#/sk Cello-Seal. Yield 2.01 cuft/sk. Mix water 10.96 gals/sk. Tail-in with 200 sx 14.82 ppg class "C" with 2% CaCl <sub>2</sub> . Yield 1.34 cuft/sk. Mix water 6.32 gals/sk. 100% excess.								
	with 6% gel and gals/sk. Tail-in CaCl <sub>2</sub> Yield 1.3 excess in OH. ** Optional	340 sx of 12.53 ppg Pacesetter Light "C" 5% salt. Yield 2.01 cuft/sk. Mix water 10.96 with 50 sx of 14.8 ppg class "C" with 2% 34 cuft/sk. Mix water 6.32 gals/sk. 100% two stage job may be pumped if hole as will require. See Cement Program.							
	1/4#/sk Cello-S water 17.6 gals with 5 #/sk CSE cuft/sk. Mix wa cement should problems are e	opg SWPC with 3% T-Lite + 1% CACL2 + eal + 3#/sk Hi-Seal 2. Yield 2.89 cuft/sk. Mix /sk. Tail-in with 200 sx of 14.26 ppg class "C" E, 0.5% CF-4, 020 OF 2 Yield 1.51 ter 7.33 gals/sk. 50% excess in OH. Enough be used to have top at 2500'. If lost circ. incountered in this part of the hole, see tion for two stage recommendation.							
Wellhead Assembly:	13-3/8" 3M X 11	8-3/8" SOW starting head " 3M casing spool 5" 3M tubing spool							
Optional:	5M wellhead ec availability.	uipment may be substituted depending on							