DISTRIBUTION  SANTA FE  FILE  U.S.G.S.  LAND OFFICE  OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Ia. Type of Work  b. Type of Well  OFFICE  OTHER  TO THER  DEEPEN  DEEPEN  DEEPEN  DEEPEN  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  7. Unit Agreement Name  9. Well No.  2. Name of Operator  Sumray DX 011 Company  2. Name of Operator  P. O. Box 1416 - Roswell, New Mexico  4. Lecetion of Well  ONIT LETTER  I LOCATED 660  FEET FROM THE  DISTRIBUTION COMMISSION  FORM C-101  Revised 14-65  SA. Indicate Type of Lease  STATE   FEE    SA. State Off PEET    SA. State Off	NO. OF COPIES RECEIVED					4	in mender
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17-1/2 13-3/8 48# 375	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	OT SETTING DEPT	H SACKS O	CEMENT	EST. TOP
12-1/4 8-5/8 24# 6 32# 4100' 940 sxs (Est) Surface 7-7/8 5-1/2 17# 10000' 200 sxs 8500'  1. MI and RU rotary rig. Drill 17-1/2" hole to 375'. Run 13-3/8" csg. to CF 375'. Cmt. w/375 sxs reg. cmt w/2% CaCl2. Circ to surface. WOC 18 hrs. Test BOF and csg. to 1000# for 30 min. 2. Drill 12-1/4" hole to approx 4100'. Run 8-5/8" csg. to CF 4100'. Cmt w/(Est) 840 sxs Incore Cmt. w/12% Gel & 2% CaCl2. Tail in w/100 sxs Incore Neat. Circ. to surface. WOC 18 hrs. Test BOF & csg. to 1500# for 30 min. 3. Drill 7-7/8" hole to TD 10,000'. Anticipate DST @ approx. 9640'. Run Open Hole Logs, GR-Density, Laterolog, and Microlaterolog. 4. Run 5-1/2" csg. to approx. CF 10,000'. Cmt. w/200 sxs Incore Poz w/2% CaCl2. WOC 24 hrs. Test csg. & BOF to 1500# for 30 min. Run Temp. Survey to find top of cement. (Est. TOC 8500'). 5. Perf selected intervals. 6. Treat and stimulate as required. 7. Recover load and test. NOTE: Verbal Approval 4-15-68 NABOVE SPACE DESCRIBE PROPOSED PROGRAMM IF PROPOSAL IS TO DEEPEN ON PLUS BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROPOS	17-1/2	13-3/8					
1. MI and RU rotary rig. Drill 17-1/2" hole to 375'. Rum 13-3/8" csg. to CP 375'. Cmt. w/375 sxs reg. cmt w/2% CaCl2. Circ to surface. WOC 18 hrs. Test BOP and csg. to 1000% for 30 min.  2. Drill 12-1/4" hole to approx 4100'. Rum 8-5/8" csg. to CP 4100'. Cmt w/(Est) 840 sxs Incore Cmt. w/12% Gel & 2% CaCl2. Tail in w/100 sxs Incore Neat. Circ. to surface. WOC 18 hrs. Test BOP & csg. to 1500% for 30 min.  3. Drill 7-7/8" hole to TD 10,000'. Anticipate DST @ approx. 9640'. Rum Open Hole Logs, GR-Density, Laterolog, and Microlaterolog.  4. Rum 5-1/2" csg. to approx. CP 10,000'. Cmt. w/200 sxs Incore Poz w/2% CaCl2. WOC 24 hrs. Test csg. & BOP to 1500% for 30 min. Rum Temp. Survey to find top of cement. (Est. TOC 8500').  5. Perf selected intervals.  6. Treat and stimulate as required.  7. Recover load and test.  NOTE: Verbal Approval 4-15-68  NABOVE SPACE DESCRIBE PROPOSED PROGRAMM IF PROPOSEAL IS TO DEEPER OR PLUS BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE SONE SONE AND PROPOSED NEW PRODUCTIVE SONE AND PROPOSED NEW PRO	<del></del>				1		
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PPROVED BY TITLE District Engineer Date April 17, 1968	w/375 sxs reg. for 30 min.  2. Drill 12-1/4" h Incore Cmt. w/1 18 hrs. Test B  3. Drill 7-7/8" ho GR-Density, Lat  4. Run 5-1/2" csg. Test csg. & BOP 8500').  5. Perf selected i  6. Treat and stimu  7. Recover load an	cmt w/2% CaCl2.  cole to approx 4 2% Gel & 2% CaC cop & csg. to 15 cle to TD 10,000 cerolog, and Mic to approx. CP to 1500# for 3  ntervals. late as require d test.	Circ to sur 100'. Run 8- 12. Tail in 100# for 30 mi 10'. Anticipate rolaterolog. 10,000'. Cmi 20 min. Run 1	rface. WOC 18 in-5/8" csg. to Ciw/100 sxs Incomin. te DST @ approxit. w/200 sxs Incomp. Survey to  NOTE: Verbal A	Approval	Cmt w/(I Circ. to Rum Open 7/2% CaC: of cemen	d csg. to 1000; Est) 840 sxs o surface. WOO n Hole Logs, 1 <sub>2</sub> . WOC 24 hrs nt. (Est. TOC
PPROVED BY TITLE DATE	nereby cartify that the information	on above is true and comp	plete to the best of my	y knowledge and belief.			
PPROVED BY TITLE DATE	igned Jan Hastings	ohn Hastings	TitleD1s	strict Engineer		Date Apr	11 17, 1968
PPROVED BY DATE							
		11 1					
	PPROVED BY	Stams	_ TITLE			DATE	

## NEW "XICO OIL CONSERVATION COMMISSION" WELL L JATION AND ACREAGE DEDICATION PL .[

All distances must be from the outer boundaries of the Section

Operator		71	edse	the Section							
SUNRAY DX OIL COMPANY			NEW MEXIC	Well No.							
Init Letter	Section 20	Township 10 South	Range 34 EAST	County							
Actual Footage Loc		6	440								
1980 Ground Level Elev.	feet from the Producing Fo	SOUTH line and	660 fee	t from the EAST	line  Dedicated Acreage:						
4229.9	Per	! "	Undesignate	ıd	80 Acres						
1. Outline th	e acreage dedica	ated to the subject well	by colored pencil o	r hachure marks on							
2. If more th interest an	2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).										
3. If more that dated by c	3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling.etc?										
Yes	Yes No If answer is "yes," type of consolidation										
If answer i	If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)										
		ed to the well until all in	iterests have been c	one olidated (by an	mmunitization, unitization,						
forced-pool	ing, or otherwise	or until a non-standard	unit, eliminating suc	h interests, has bee	mmunitization, unitization, in approved by the Commis-						
sion.											
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	<b>,</b>				mray DX Oil Company						
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	ļ		113	Registered	Professional Engineer						
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