AREA MANAGED

CONTRACT NUMBER 14-20-603-5019

5. LEASE NAVAJO

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR	OUT TIETO OF TOUR BLANKE
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAL SURVET	NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a different	8. FARM OR LEASE NAME
Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	NAVAJO
1. 00 gas G calt Water Disposal	
1. oil gas other Salt Water Disposal other	9. WELL NO. 1
2. NAME OF OPERATOR	
Mobil Producing TX. & N.M. Inc.	10. FIELD OR WILDCAT NAME TOCITO DOME FIELD
TOPPERS OF OPERATOR	
Nine Greenway Plaza, Suite 2700, Houston, Texas	11. SEC., T., R., M., OR BLK. AND SURVEY OR
NITTO OFFICE AND PROPERTY OF A TION OF FARLY. See space 17	AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	SEC 9; T-26N; R-18-W
below.) AT SURFACE: 660' FSL & 660' FWL	12. COUNTY OR ₽ARISH 13. STATE
AT SURFACE: 660' FSL & 660' FWL AT TOP PROD. INTERVAL: SAME	SAN JUAN NM
	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) DF 5764
PEQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
REQUEST FOR ALTRONIC	
TEST WATER SHUT-OFF	
FRACTURE TREAT	III 1 1/ III)
SHOOT ON ACIDIZE	(NOTE: Report results of multiple completion of zone
REPAIR WELL	change on Form 9-330.)
PULL OR ALTER CASING	
MULTIPLE COMPLETE	and the state of t
ADANDON'S	THE TOTAL AREA
(other) CONVERT TO SWD WELL	
	the stimust details, and give pertinent dates,
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stating including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine. The following information is provided in account of the following information is provided in account of the following information is provided in account of the following information is a closed disposal state of the following information is a closed disposal state of the following including the following the following the following including the following the followi	ordance with NTL-2B. O BWPD O BWPD Sure 1260 psi Sure 100 psi.
II. Disposal Water Characteristics	
	from the Pennsylvanian
formation (6290'-6419'), which	will be reinjected into
the same formation.	•
a stanford water	r (attachment 1)
III. Injection well bata sheet (Actualism	Set @ Ft.
III. Injection Well Data Sheet (Attachm Subsurface Safety Valve: Manu. and TypeN/A	
SIGNED THE SUPERVISO	NGINEERING December 2, 1983
(This space for Federal or State	office use)
	DATE
APPROVED BY	APPROVED
FARMINGTON CO	JPY FOR 1 21004

*See Instructions on Reverse Side

P O BOX 1468 MONAHANS TEXAS 79756 PH 943-3234 OR 563-1040

708 W INDIANA MIDLAND TEXAS 79701 PHONE 683-4521

RESULT OF WATER ANALYSES

P.O.Box 1800, Hobbs, NM COMPANY NPTM FIELD OR POOL SURVEY COUP SOURCE OF SAMPLE AND DATE TAKEN NO. 1 Produced water - taken from Navajo NO. 2	LEASE _N Tocito NTY _San_ #3, 10=	Juan s	D_11=7=83	
COMPANY NOTM FIELD OR POOL SURVEY COUP SOURCE OF SAMPLE AND DATE TAKEN: NO. 1 Produced water - taken from Navajo NO. 2	LEASE _N Tocito NTY _San_ #3, 10-	avajo Juan s	TATE NM	
FIELD OR POOL SURVEY COUPSECTION BLOCK SURVEY COUPSOURCE OF SAMPLE AND DATE TAKEN NO. 1 Produced water - taken from Navajo No. 2	Tocito NTY San #3. 10-	Juan s	TATENM	
FIELD OR POOL SURVEY COUPSECTION BLOCK SURVEY COUPSOURCE OF SAMPLE AND DATE TAKEN NO. 1 Produced water - taken from Navajo No. 2	Tocito NTY San #3. 10-	Juan s	TATENM	
NO. 1 Produced water - taken from Navajo	#3. 10-			
NO. 1 Produced water - taken from Navajo		25-83		
NO. 2		25-83		
	((10)			
	((101			
	((101			
NO. 3	((101		······································	
NO. 4	n.419' -	Penn "D"		
CHEMICAL AND PHY			NO 1	
Specific Gravity at 60° F. 1.07	0.1	NO. 2	NO. 3	NO. 4
pH When Sampled	10			
pH When Received	6.4			
	80			
Supersaturation as CaCO3				
Undersaturation as CaCO3				
Total Hardness as CaCO3 24.0	00			
Calcium as Ca 8.2				
	26			
Sodium and/or Potessium 30.0				
	52			
Chloride as Cl 62,4	97			
Iron as Fe	15.6			
Barium as Ba				
Turbidity, Electric				
Color as Pt			<u> </u>	1 Property
Total Solids, Calculated 102.8	21	· · · · · · · · · · · · · · · · · · ·		2511
Temperature °F.				
Carbon Dioxide, Calculated Dissolved Oxygen, Winkler			FE	} 13 1984 - •
Hydrogen Sulfide			000	~
Resistivity, ohms/m at 77° F.	0.0			ON. DIV.
Suspended Oil	0.093			151. 3
Filtrable Solids as mg/1				
Volume Fritered, ml				
Results Reported As	Milligrams P	er Liter		
Additional Determinations And Remarks please contact it	s if we	can be of ar	ny assistance	in inter-
pretation of the above results			·	
•				
Form No. 3				1 7

cc: Mr. K. D. Jones, Farmington, NN (Box 778)

W. Reagan Wh∮te, B. S.

MOBIL PRODUCI	NG TX. & N.M. INC.	OLAVAN		·
DELRATOR		LEVPE		
1	660'FSL and 660' I	FWL 9	26N	18W
WELL NU.	FOUTAGE LUCATION	SECTION	TOHNSHIP	RANGE
Schemn	tie	Surface Casing	Tabular Data Cemented with	Elevation data DF 5764' GL 5750'
		SURFACE		CIRCULATION
		Hole size 17"	feet determined by	-
	1.50	Intermediate Casin Size 8-5/8" Weight: 24 lbs/ft TOC Surface	Cemented with t. feet determined by	360 5x.
		Hole mize 10-	•	
			Cemented with lbs/ft feet determined by	200 sx. CMT BOND LOG
		Hole size	7/8 "	
		Total depth 632	29'	
	li mis	Injection interval	et to 6329 n-hole, indicate which)	_ feet
		Open Hole and Pe	erforated (4-3/4" OH)	
	-is 5-10 \$	Annulus will be a w/1% by volume pa	filled w/2% KCL water acker fluid.	treated
\bowtie	.,			
			e e	efivem