

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 4954

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 22

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 22, T21N, R5W

12. COUNTY OR PARISH

Sandoval

13. STATE

NM

1.

OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

Dome Petroleum Corporation

3. ADDRESS OF OPERATOR c/o Minerals Management Inc.

501 Airport Dr., Suite 105, Farmington, N.Mex. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

660' FSL, 1650' FWL, SEC. 22, T21N, R5W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7299' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☒

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. 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 drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to PXA as follows:

#1	6991'-6781'	(210')	75	SX
#2	6006'-5856'	(150')	55	SX
#3	3995'-3845'	(150')	55	SX
#4	1937'-1787'	(150')	55	SX
#5	1205'-1045'	(160')	60	SX
#6	250'-150'	(100')	35	SX
#7	0'-30'	(30')	15	SX

Verbal approval obtained from Jerry Long, USGS, 12-14-76.

18. I her by certify that the foregoing is true and correct

SIGNED

J. Arnold Smith

TITLE

Area Manager

Minerals Management Inc.

DATE

12-17-76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

TIGHT HOLE....

FLUID SAMPLE DATA				Date		Ticket Number	
Sampler Pressure <u>No</u> P.S.I.G. at Surface				12-13-76		008928	
Recovery: Cu. Ft. Gas _____				Kind of Job		Halliburton District	
cc. Oil _____				OPEN HOLE		FARMINGTON	
cc. Water <u>2150</u>				Tester		MR. SMITH	
cc. Mud _____				Witness		MR. LANDREY	
Tot. Liquid cc. <u>2150</u>				Drilling Contractor			
Gravity _____ ° API @ _____ °F.				LOFFLAND BROTHERS DRILLING COMPANY			
Gas/Oil Ratio _____ cu. ft./bbl.				EQUIPMENT & HOLE DATA BC			
RESISTIVITY _____ CHLORIDE CONTENT _____				Formation Tested			
Recovery Water <u>.90</u> @ <u>63</u> °F. _____ ppm				Entrada			
Recovery Mud _____ @ _____ °F. _____ ppm				Elevation <u>2312'</u> _____ Ft.			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Net Productive Interval <u>8'</u> _____ Ft.			
Mud Pit Sample _____ @ _____ °F. _____ ppm				All Depths Measured From <u>Rotary Kelly Bushing</u>			
Mud Pit Sample Filtrate <u>.240</u> @ <u>63</u> °F. _____ ppm				Total Depth <u>6924'</u> _____ Ft.			
Mud Weight <u>9.1</u> vis <u>85</u> Sec. <u>CP</u>				Main Hole/Casing Size <u>8 3/4"</u>			
				Drill Collar Length <u>724'</u> I.D. <u>2 1/4"</u>			
				Drill Pipe Length <u>6150'</u> I.D. <u>3.340"</u>			
				Packer Depth(s) <u>6904' - 6909'</u> _____ Ft.			
				Depth Tester Valve <u>6888'</u> _____ Ft.			
TYPE		AMOUNT		Depth Back		Surface	
Cushion				Ft. Pres. Valve		Choke	
						3/4" ADJ. Bottom Choke 3/4"	
Recovered		60 Feet of		Drilling mud			
Recovered		5980 Feet of		Formation water with sand			
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks Tool opened at 0610 for a 15 minute flow with a good blow that increased to a strong blow in one minute. Closed tool for a 30 minute first closed in pressure. Reopened tool at 0655 with a good blow that was dead in 21 minutes. Closed tool at 0755 for a 120 minute second closed in pressure. Trip out at 0955.							
TIGHT HOLE...							
TEMPERATURE		Gauge No. 6039		Gauge No. 6040		Gauge No.	
		Depth: 6892' Ft.		Depth: 6920' Ft.		Depth: _____ Ft.	
		12 Hour Clock		24 Hour Clock		Hour Clock	
Est. _____ °F.		Blanked Off No		Blanked Off Yes		Blanked Off	
Actual 168 °F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		3341 3365		3341 3382			
Flow Initial		- 1887-Q		2286 1717			
Flow Final		2549 2557		2575 2579			
Closed in		2575 2598		2602 2617			
Flow Initial		2549 2578		2575 2607			
Flow Final		2575 2602		2602 2620			
Closed in		2575 2602		2602 2620			
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		3315 3296		3315 3311			
		Q = Questionable					

Legal Location 22 - 21N - 5W
 Sec. - Twp. - Rng.
 Lease Form
 Well No. 1
 Test No. 4
 Tested Interval
 Field Area WILDCAT
 County SANDOVAL
 State NEW MEXICO

FEDERAL 22

Well No. 1

Test No. 4

6909' - 6924'

DOME PETROLEUM CORPORATION

Lease Owner: Dome Petroleum Corporation

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	6"	3"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4"	3.340"	6150'	
Drill Collars	6"	2 1/4"	724'	
Handling Sub & Choke Assembly				
Dual CIP Valve				
Dual CIP Sampler	5"	3/4"	6'	6883'
Hydro-Spring Tester	5"	3/4"	5'	6888'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	-	4'	6892'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	7 1/2"	1 1/2"	5'	6904'
Distributor				
Packer Assembly	7 1/2"	1 1/2"	5'	6909'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	2 1/2"	10'	
Blanked-Off B.T. Running Case	5 3/4"	-	4'	6920'
Total Depth				6924'