SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side) UNITED STATES 30 - DY3 - 20429 5. LEASE DESIGNATION AND SERIAL NO. NM 25804 DEPARTMENT OF THE INTERIOR

	NM 25804							
APPLICATION	6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
DRILL IM DEEPEN			☐ PLUG BACK ☐		7. UNIT AGREEMENT NAME			
	AS OTHER			INGLE X MULTIN	PLE	8. FARM OR LEASE NA	ME	
2. NAME OF OPERATOR	Natani /							
Northwest	9. WELL NO.							
P.O. Box	10. FIELD AND POOL, OR WILDCAT							
4. LOCATION OF WELL (R At surface	Wildcat M. V							
1160' FEL & 930' FSL						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
At proposed prod. zone						Sec. 11, T21	LN, R6W	
	AND DIRECTION FROM NEAR	REST TOWN OR POS	T OFFIC	£.*		12. COUNTY OR PARISH		
NA	icen*		1 1 C V			Sandoval	N.M.	
LO. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)			16. No	0. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL 160			
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA					ary or cable tools tary			
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6985 GR				· · · .	<u>'</u>	22. APPROX. DATE WORK WILL START* July 1, 1979		
23.	P	ROPOSED CASI	NG ANI	D CEMENTING PROGR.	AM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00Т	SETTING DEPTH	T	QUANTITY OF CEMENT		
12 1/4"	9 5/8"	32.3		300	1	l00 sks.		
8 3/4"	4 1/2"	10.5		3740'	2	210 sks.		
A BOP will b subsequent o	perforate and see installed aft perations will Section 11 is dated.	er the sur be conduct	face ed th	casing has bee nrough the BOP.			A11 1979 OM.	
N ABOVE SPACE DESCRIBE one. If proposal is to reventer program, if any 4.		lly, give pertinent	data o	olug back, give data on p on subsurface locations an coduction Engin	nd measured	octive zone and propose and true vertical depth	as. Give blowout	
S. Kati	ral or State office use)	FH		The same and the		UNID		
PERMIT NO.				APPROVAL DATE	·			
APPROVED BY		करन	I.E			DATE		
CONDITIONS OF APPROV.	AL, IF ANY:					JUN 5 1	979	
1 =	1					U. S. CTOLOGICAL	C1,2307=W	

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*See Instructions On Reverse Side

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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Sorm C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section. Operator Lease Well No. NORTHWEST EXPLORATION COMPANY NATANI Unit Letter Section Township Romge County 11 21N 6W SANDOVAL Actual Footage Location of Well: South 1160 feet from the line and feet from the line Producing Formation Ground Level Elev. Pool Dedicated Acreage: 6985 Point Lookout Wildcat 160 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 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 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 If answer is "yes," type of consolidation. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Nome S. Katirgis Position Production Engineer Company Northwest Exploration Co. 5/31/79 Sec. I hereby certify that the well location shown on this plat was plotted from field nates of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 11601

1320 1650

1980 2310

2000

1500

1000

500

OPERATIONS PLAN

Natani #1 May 31, 1979

I. LOCATION: SE/4 SE/4 Sec. 11, T21N, R6W ELEVATION: 6985' GR

FIELD: Wildcat

II. GEOLOGY:

A. Formation Tops: Depth:
Ojo Alamo 651'
Pictured Cliffs 1164'
Cliff House 1563'
Menefee 2641'
Point Lookout 3506'
Total Depth 3800'

B. Logging Program: DIL & CNL-FDC.

C. Coring Program: None

III. DRILLING:

A. Anticipated starting date and duration of activities: July 1, 1979 - 2 weeks.

B. BOP: Blind rams and pipe rams, 10", 900 series, double gate, rated at 3000 PSI.

C. Mud Program:

- a) Spud Mud: Water, lime and gel.
- b) Surface to 3800'.

Viscosity: 32-38 sec/qt.

Weight: 8.8-9.2 #/gal.

Water Loss: 8-20 cc

Ph: 8.5-9.5

IV. MATERIALS:

A. Casing Program:

Hole Size	Depth O.H.	Casing Size	Wt. & Grade	Depth Set
12 1/4"	200'	9 5/8"	32.3# H-40	2001
8 3/4"	3800°	4 1/2"	10.5# K-55	3800 '

- B. Float Equipment:
 - a) Surface casing: 9 5/8" B & W reg. pattern Shoe.
 - b) Liner: 4 1/2" Regular pattern guide & differential fill float collar.
- C. Tubing Program: 3600' of 2 3/8", 4.7#, EUE K-55 tubing with seating nipple on top of bottom joint. Expendable check valve on bottom.
- D. Well Head Equipment: Gray well head. Gray representative to set slips and make cut off.

V. CEMENTING:

A. Surface Casing: 9 5/8" - Use 125 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl (100% excess to circulate). WOC 12 hours. Test surface casing to 600 PSI for 30 minutes.

Operations Plan Natani #1 Page 2

C. Production: $4 \frac{1}{2}$ " - To be determined at total depth.

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