

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Northwest Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 90, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 850 FNL & 1850 FWL (NE NW)

At top prod. interval reported below 850 FNL & 1850 FWL

At total depth 850 FNL & 1850 FWL

14. PERMIT NO.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

DATE ISSUED

OCT 13 1982

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5757

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Indian Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Natani

9. WELL NO.

#17

10. FIELD AND POOL, OR WILDCAT

Undesignated Charca

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

Sec 3, T21N, R6W

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

15. DATE SPUDDED

6-15-82

16. DATE T.D. REACHED

6-17-82

17. DATE COMPL. (Ready to prod.)

8-14-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) *

6928' GR

19. ELEV. CASINGHEAD

6928' GR

20. TOTAL DEPTH, MD & TVD

1900'

21. PLUG, BACK T.D., MD & TVD

1860'

22. IF MULTIPLE COMPL. HOW MANY *

Single

ROTARY TOOLS

CABLE TOOLS

1900' - 1900'

NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *

Chacra 1600' - 1707'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES/ SP/ CNL/FDC/GR GR/CC1

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	95' KB	12-1/4"	89 cu.ft C1 "B" w/3% CaCl ₂	5 bbls
4-1/2"	10.5#	1886' KB	6-3/4"	366 cu.ft & 198 cu.ft (C1 "B" 65/35 poz w/12% gel (C1 "B" w/ 6% gel)	35 bbls

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1636'	

31. PERFORATION RECORD (Interval, size and number)

1600' 1604', 1610', 1614', 1618', 1622',
1626', 1630', 1634', 1638', 1644', 1678',
1682', 1688', 1692', 1695', 1700', 1707'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1600' - 1707'	Sand water frac - Total fluid 1616 bbls and 75,000# 20/40 sand

Total 18 .37" holes

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-14-82		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-15-82	3 hrs	2"X.750"	→	-	193 MCF	-	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
90 psig	152 psig	→	-	AOF 1437 MCFD	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - Waiting on Pipeline connection to be sold

TEST WITNESSED BY

Fred S. Hamrick

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Paul C. Thompson TITLE Drilling EngineerDATE OCT 14 1982

Paul C. Thompson

* (See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY ES

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Northwest Exploration Company
3. ADDRESS OF OPERATOR
P.O. Box 90, Farmington, N.M. 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 850 FNL & 1850 FWL
AT TOP PROD. INTERVAL: 850 FNL & 1850 FWL
AT TOTAL DEPTH: 850 FNL & 1850 FWL
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
N00-C-14-20-5757
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Natani
9. WELL NO.
#17
10. FIELD OR WILDCAT NAME
Undesignated Rusty Chacra
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 3, T21N, R6W
12. COUNTY OR PARISH
Sandoval
13. STATE
N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6938' KB

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF ☐
- FRACTURE TREAT ☐
- SHOOT OR ACIDIZE ☐
- REPAIR WELL ☐
- PULL OR ALTER CASING ☐
- MULTIPLE COMPLETE ☐
- CHANGE ZONES ☐
- ABANDON ☐
- (other) Spud & Drlg Operations

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

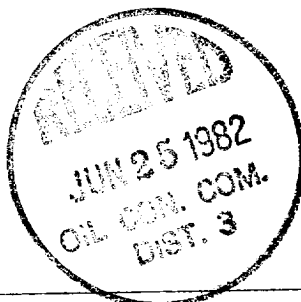
JUN 22 1982

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.)*

6-15-82 MOL & RU. Spudded 12-1/4" at 1230 hrs 6-15-82. Ran 2 jts of 8-5/8", 24#, K-55, ST&C & set at 95' KB. Woodco cmt'ed w/ 75 sx (89 cu.ft) Cl "B" w/ 3% CaCl₂ & 1/4# Flocele/sx. Plug down at 1630 hrs 6-15-82. Circ 5 bbls cmt. WOC 12 hrs. Pressure tested csg to 600 psi OK.

6-16-82 Drlg ahead.

6-17-82 Drlg ahead.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Donna J. Brace TITLE Production Clerk DATE June 17, 1982
Donna J. Brace

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

3
djb/ 1

*See Instructions on Reverse Side

JUN 20 1982

NMOCC

FARMINGTON DISTRICT
BY SM