

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions 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 1520' FNL & 1850 FEL (SWNE)

At top prod. interval reported below 1520 FNL & 1850 FEL

At total depth 1520 FNL & 1850 FEL

14. PERMIT NO.

DATE ISSUED

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

5. LEASE DESIGNATION AND SERIAL NO.

N00 C-14-20-5763

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Indian Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Natani

9. WELL NO.

#6

10. FIELD AND POOL, OR WILDCAT

Indesignated Rusty Chacra

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

Sec 13, T21N, R6W

12. COUNTY OR PARISH

13. STATE

15. DATE SPUDDED

6-25-82

16. DATE T.D. REACHED

6-27-82

17. DATE COMPL. (Ready to prod.)

8-11-82

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

7056' KB

19. ELEV. CASINGHEAD

7046' GR

20. TOTAL DEPTH, MD & TVD

1930'

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

1900'

22. IF MULTIPLE COMPL., HOW MANY *

Single

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10' - 1930'

NO

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

Chacra - 1618' - 1716'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES/SP CNL/FDC/GR GR/CCL

27. WAS WELL COBED

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#	96' KB	12-1/4"	95 cu. ft C1 "B" w/ 3% CaCl ₂	4 bbls
4-1/2"	10.5#	1926' KB	7-7/8"	415 cu. ft C1 "B" 65/35 poz. w/ 12% gel. 198 cu. ft C1 "B" w/ 6% gel.	36 bbls

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1633'	

31. PERFORATION RECORD (Interval, size and number)

1618', 1628', 1633', 1638', 1643', 1648',
1653', 1658', 1662', 1703', 1716',

Total 11 .37" Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1618' - 1716'	Foam Frac - Fluid 70% Quality Foam Total wtr 7800 gal & 197,600 SCF N ₂ & 30,000# 20/40 sand.

33.*

PRODUCTION

DATE FIRST PRODUCTION

8-11-82

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut in

DATE OF TEST

9-17-82

HOURS TESTED

3 hrs

CHOKE SIZE

2"X.750"

PROD'N. FOR TEST PERIOD

OIL—BBL.

-

GAS—MCF.

14 MCF

WATER—BBL.

-

GAS-OIL RATIO

-

FLOW. TUBING PRESS.

1.5" H₂O

CASING PRESSURE

31 psig

CALCULATED 24-HOUR RATE

OIL—BBL.

-

GAS—MCF.

AOF 36 MCFD

WATER—BBL.

-

OIL GRAVITY-API (CORR.)

-

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

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 Engineer

DATE

Oct 11 1982

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

NMOC

FARMINGTON DISTRICT

BY

L. B. Beck

B
djb

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the appropriate Federal or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types of electric logs, and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All logs should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attached logs. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequate for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing material. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Ojo Alamo	662' EL	960'		Ojo Alamo	662' EL
Kirtland	960' EL	1105'		Kirtland	960' EL
Fruitland	1105' EL	1210'		Fruitland	1105' EL
Pictured Cliffs	1210' EL	1489'		Pictured Cliffs	1210' EL
K-Marker	1489' EL	1612'		K-Marker	1489' EL
Upper Chacra	1612'			Upper Chacra	1612' EL
				Total Depth	1930'