

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 33052			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Northwest Exploration Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, New Mexico 87401				8. FARM OR LEASE NAME Middle Mesa			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 960' FSL & 790' FWL At top prod. interval reported below Same At total depth Same				9. WELL NO. 1			
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT South Los Pinos Fruitland-PC			
15. DATE SPUDDED 6-19-78				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 33 T32N R7W			
16. DATE T.D. REACHED 6-28-78				12. COUNTY OR PARISH San Juan			
17. DATE COMPL. (Ready to prod.) 8-25-78				13. STATE New Mexico			
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6642' GR				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 3676'		21. PLUG, BACK T.D., MD & TVD 3628'		23. INTERVALS DRILLED BY ROTARY TOOLS All CABLE TOOLS			
22. IF MULTIPLE COMPL., HOW MANY* _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3418' to 3597'; Pictured Cliffs			
25. WAS DIRECTIONAL SURVEY MADE no				26. TYPE ELECTRIC AND OTHER LOGS RUN IES & GR-Density			
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	125'	12-1/4"	90 sks	-	
4-1/2"		10.5	3676'	6-3/4"	140 sks	-	
29. LINER RECORD				30. TUBING RECORD			
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
					1-1/2"	3295'	none
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
3418	3436	3525	3561	DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED
3423	3441	3534	3567	3418' to 3597'			Spot 500 gal 7-1/2% HCl. Pumped
3426	3452	3538	3577	16 holes			1000 gal 7-1/2% HCl & 35 ball slrs.
3431	3511	3557	3597				Fraced w/ 10,000 gal pad & 100,000#
							10/20 sd in slick wtr. Total
							fluid = 68,400 gal.
33.* PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
N/A		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-25-78	Pitot tube	-	→	-	-	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL/GAS/WATER API (CORR.)	
Working pr 7 psig	Working pr 440 psig	→	-	1644 MCFD	-	-	
35. LIST OF ATTACHMENTS				TEST WITNESSED BY SEP 1 1978			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				U. S. GEOLOGICAL SURVEY			
SIGNED <u>Barbara C. Rex</u>		TITLE <u>Production Clerk</u>		DATE <u>August 29, 1978</u>			

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

INSTRUCTION

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 a State 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 local Federal and/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 electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or 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 attachments.

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 producing 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, adequately identified, 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 tool.

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	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
Pictured Cliffs			Ss. lt gry, fn to med gr s & p, ws & r, sl calc.	Pictured Cliffs	3412'	same	