

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

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR						UNIT AGREEMENT NAME	
Northwest Exploration Company						FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR						Gavilan	
P. O. Box 5800, Terminal Annex, Denver, Colorado 80217						9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						#1	
At surface 930' FNL & 910' FEL						10. FIELD AND POOL, OR WILDCAT	
At top prod. interval reported below Same						Wildcat	
At total depth Same						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
14. PERMIT NO.						12. COUNTY OR PARISH	
DATE ISSUED						Rio Arriba	
12-4-81						13. STATE	
15. DATE SPUDDED						New Mexico	
16. DATE T.D. REACHED						12-26-81	
17. DATE COMPL. (Ready to prod.)						1-16-82	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)*						3-21-82	
19. ELEV. CASINGHEAD						7467' KB	
20. TOTAL DEPTH, MD & TVD						7454' GR	
21. PLUG, BACK T.D., MD & TVD						8241'	
22. IF MULTIPLE COMPL., HOW MANY*						8073'	
23. INTERVALS DRILLED BY						2	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						ROTARY TOOLS	
6821' - 7562' Gallup						CABLE TOOLS	
25. WAS DIRECTIONAL SURVEY MADE						0' - 8241'	
26. TYPE ELECTRIC AND OTHER LOGS RUN						No	
DIL, Neutron Density, GR, Sonic, CCL, CBL						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)						No	
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED
9-5/8"	32.3#	H-40 ST&C	540'	13-1/4"	400 sx C1 B w/1/4# gel flake/		No casing
					sx + 3% CaCl ₂		pulled
4-1/2"	11.6#	N-80 LT&C	8240'	6-1/4"	500 sx 50/50 poz w/2% gel,		7#
"	10.5#	K-55 ST&C	"	"	salt sx 6-1/2# fine gils/sx & (continued		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-3/8"	8010'	None
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6821' - 7562' - 24 holes .4" Ltd. Entry:				DEPTH INTERVAL (MD)			
6821' 6908' 6975' 7058' 7110' 7542'				6821' - 7562'			
51' 14' 7020' 64' 16' 48'				1000 gal HCl			
60' 20' 29' 98' 61' 54'				1500 gal 15% HCl			
6902' 45' 52' 7104' 7466' 62'				40,000 gal gel water w/100,000			
				lb 20-40 sand - Tot. Fluid:			
33.* PRODUCTION				105,300 gal.			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
3-21-82		Flowing			Shut-In		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-21-82	24	32/64	→	62	545	3	8790
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
200#	530#	→	62 22	404 545	3	40.0 @ 60°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
To be sold. NOTE: Production commingled with Dakota zone.							
35. LIST OF ATTACHMENTS							
Logs forwarded under separate cover by logging company.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		L. O. Van Ryan		TITLE		Vice President - Operations	
				DATE		April 6, 1982	

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

MAY 11 1982

111000

MAY 22 1982

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 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 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 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	MEAS. DEPTH
					TRUE VERT. DEPTH
			No cores or Drill Stem Tests.	Ojo Alamo	3252
				Kirtland/Fruitland	3396
				Pictured Cliffs	3520
				Lewis	3594
				Cliff House	5232
				Menefee	5355
				Point Lookout	5662
				Mancos	5980
				Gallup	6780
				Greenhorn	7752
				Graneros	7822
				Dakota	7933
				Morrison	8202
			28. (continued) 600 sx 65/35 poz w/12% gel & 12-1/2# fine gils/sx		