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Form C-105
Revised 11-1-82

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Gavilan	
9. Well No.	
#1E	
10. Field and Pool, or Wildcat	
Basin Dk/Mancos M.V.	

TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐
TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

Name of Operator
Northwest Exploration Company

Address of Operator
P.O. Box 5800, Terminal Annex, Denver, Colorado 80217

Location of Well

LETTER E LOCATED 990 FEET FROM THE west LINE AND 1850 FEET FROM

north LINE OF SEC. 26 TWP. 25N RGE. 2W NMPM

12. County
Rio Arriba

Date Spudded 5-15-83	16. Date T.D. Reached 6-16-83	17. Date Compl. (Ready to Prod.) 7-23-83	18. Elevations (DF, RKB, RT, GR, etc.) 7307' GR	19. Elev. Casinghead -----
Total Depth 8160'	21. Plug Back T.D. 8066'	22. If Multiple Compl., How Many Three	23. Intervals Drilled By Rotary Tools 0' - 8160'	Cable Tools -----
Producing Interval(s), of this completion - Top, Bottom, Name 7822' - 7918' Dakota				25. Was Directional Survey Made None

Type Electric and Other Logs Run
CBL-VDL-GR Correlation (DIL-GR, FDC-CNL Caliper)

27. Was Well Cored
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3# H-40	278'	12-1/4"	160 sks C1 "B"	-----
7"	20 & 23# K-55	6070'	8-3/4"	450 sks 65/35 poz mix	-----
4-1/2"	10.5# & 11.6# K-55	8159' 48"	6-1/4"	240 sks 65/35 poz mix	-----

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
N/A					2-3/8"	7850'	-----

Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7822' - 7918' - 7 shots				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
				7654' - 7918'	83,840 gal slick water &
					54,768# 20/40 sand

PRODUCTION						
First Production 7-23-83	Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing			Well Status (Prod. or Shut-in) Producing		
Date of Test 7-1-83	Hours Tested 12	Choke Size N/A	Prod'n. For Test Period Oil - Bbl. 5.1	Gas - MCF 17.3	Water - Bbl. 50 (Load)	Gas - Oil Ratio 3400
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate 10.2	Oil - Bbl. 34.6	Gas - MCF 100 (Load)	Water - Bbl. 36.8	Oil Gravity - API (Corr.)

Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented - To be sold.

Test Witnessed By
David Kranz

List of Attachments

RECEIVED
AUG 23 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Sally L. DuVal TITLE Regulatory Compliance DATE August 22, 1983

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
D. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Granite _____
T. Drinkard _____	T. Delaware Sand _____
T. Abe _____	T. Bone Springs _____
T. Wolfcamp _____	T. _____
T. Penn. _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo	3135'	T. Penn. "B"	
T. Kirtland-Fruitland	3267'	T. Penn. "C"	
T. Pictured Cliffs	3398'	T. Penn. "D"	
T. Cliff House	5110'	T. Leadville	
T. Menefee	5234'	T. Madison	
T. Point Lookout	5542'	T. Elbert	
T. Mancos	5938'	T. McCracken	
T. Gallup	6647'	T. Ignacio Qtzite	
Base Greenhorn	7714'	T. Granite	
T. Dakota	7820'	T.	
T. Morrison	8072'	T.	
T. Todilto		T.	
T. Entrada		T.	
T. Wingate		T.	
T. Chinle		T.	
T. Permian		T.	
T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 6804' to 7366' No. 4, from _____ to _____
 No. 2, from 7654' to 7708' No. 5, from _____ to _____
 No. 3, from 7822' to 7918' No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet _____

No. 2, from _____ to _____ feet _____

No. 3, from _____ to _____ feet _____

No. 4, from _____ to _____ feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-1-82

TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator

Northwest Exploration Company

Address of Operator

P.O. Box 5800, Terminal Annex, Denver, Colorado 80217

Location of Well

LETTER E LOCATED 990 FEET FROM THE west LINE AND 1850 FEET FROM

north LINE OF SEC. 26 TWP. 25N RGE. 2W NMPM

Date Spudded 5-15-83	16. Date T.D. Reached 6-16-83	17. Date Compl. (Ready to Prod.) 7-23-83	18. Elevations (DF, RKB, RT, GR, etc.) 7307' GR	19. Elev. Casinghead -----
Total Depth 8160'	21. Plug Back T.D. 8066'	22. If Multiple Compl., How Many Three	23. Intervals Drilled By Rotary Tools 0' - 8160'	Cable Tools -----

Producing Interval(s), of this completion - Top, Bottom, Name

(6804-7366 Gallen)
(7653' - 08' Greenhorn)

25. Was Directional Survey Made
None

Type Electric and Other Logs Run

CBL-VDL-GR Correlation (DIL-GR, FDC-CNL Caliper)

27. Was Well Cored
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3# H-40	278'	12-1/4"	160 sx C1 "B"	-----
7"	20 & 23# K-55	6070'	8-3/4"	450 sks 65/35 poz mix	-----
4-1/2"	10.5# & 11.6# K-55	8159' 4/8	6-1/4"	240 sks 65/35 poz mix	-----

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
N/A					2-3/8"	7850'	-----

Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7654' - 7708' - 6 shots		7653' - 7708'	25,916# 20/40 sand,
7100' - 7105' - 1 jsfp			24,498 gal fluid
7653' - 7657' - 1 jsfp		6804-7366	81,000# 20/40 sand & 103,232 gal slickwater
6804-7366 15 shots			

PRODUCTION

First Production 7-23-83	Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing	Well Status (Prod. or Shut-in) Producing
Date of Test 7-8-83 14:53	Hours Tested 12 + 15	Choke Size N/A
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate 49.8
Oil - Bbl. 24.9	Gas - MCF 246.3	Water - Bbl. 44.1 (Load)
Oil Gravity - API (Corr.) 43.2	Gas Gravity - API (Corr.) 88.2 (Load)	Water - Bbl. 44.1 (Load)

Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented - To be sold.

Test Witnessed By
David Kranz

List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Darryl R. DuVal

OIL CON. DIV.
Regulatory Compliance

DATE August 22, 1983

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AUG 23 1983

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

~~NORTHWEST~~ EXHIBIT NO. 3

CASE NO. No. 8042