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OPERATOR	

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

Form C-105
Revised 11-1-84

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.

12. County

Rio Arriba

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

IT 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

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#	8158' 48"	6-1/4"	240 sks 65/35 poz mix	-----
	K-55				

LINER RECORD

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

30.

TUBING RECORD

Perforation Record (Interval, size and number)

7822' - 7918' - 7 shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7654' - 7918'	83,840 gal slick water &
	54,768# 20/40 sand

PRODUCTION

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

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

Vented - To be sold.

Test Witnessed By

David Kranz

5. List of Attachments

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6. 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. DuChall TITLE Regulatory Compliance

DATE August 22, 1983

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Form C-105
Revised 11-1-81

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.

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

7. Unit Agreement Name
8. Farm or Lease Name Gavilan

Name of Operator Northwest Exploration Company
Address of Operator P.O. Box 5800, Terminal Annex, Denver, Colorado 80217
Location of Well

9. Well No. #1E
10. Field and Pool, or Wildcat Gavilan Gadsden

LETTER <u>E</u> LOCATED <u>990</u> FEET FROM THE <u>west</u> LINE AND <u>1850</u> FEET FROM <u>north</u> LINE OF SEC. <u>26</u> TWP. <u>25N</u> RGE. <u>2W</u> 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
Total Depth 8160'	21. Plug Back T.D. 8066'	22. If Multiple Compl., How Many Three	23. Intervals Drilled By Rotary Tools 0' - 8160'

19. Elev. Casinghead
25. Was Directional Survey Made None

Producing Interval(s), of this completion - Top, Bottom, Name 6804-7366 Guller 7653' - 08' Greenhorn
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27. Was Well Cored No

Type Electric and Other Logs Run CBL-VDL-GR Correlation (DIL-GR, FDC-CNL Caliper)
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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	8153' 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.	
7654' - 7708' - 6 shots		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7100' - 7105' - 1 jsp		7653' - 7708'	25,916# 20/40 sand
7653' - 7657' - 1 jsp			24,498 gal fluid
6804-7366 15 shots		6804-7366	81,000# 20/40 sand & 103,232 gal slick water

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 7-8-83 145/13	Hours Tested 12 + 15	Choke Size N/A	Prod'n. For Test Period Oil - Bbl. 24.9 Gas - MCF 246.3 Water - Bbl. 44.1 (Load) Gas - Oil Ratio 2510
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate 49.8	Oil - Bbl. 499.0 Gas - MCF 88.2 (Load) Oil Gravity - API (Corr.) 43.2

Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - To be sold.	Test Witnessed By David Kranz
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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 Daisy F. Pullall	OIL CON. DIV. Regulatory Compliance	DATE August 22, 1983
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OIL CONSERVATION COMMISSION
BEFORE THE
Santa Fe, New Mexico

Case No. 8042 Exhibit No. 4

Submitted by Mrs. Stanley

Hearing Date 8-1-84