

(November 1983)

(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

See other instr.

on reverse side

5. LEASE DESIGNATION AND SERIAL NO.

NM 7765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OILWELL ☒ GAS WELL ☐ Other _____b. TYPE OF COMPLETION:
NEW WELL: ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVL ☐ Other _____2. NAME OF OPERATOR **The Gary-Williams Company**3. ADDRESS OF OPERATOR **1775 Sherman St., Ste 1925
Denver, CO 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **330' fsl, 1650' fwl**

At top prod. interval reported below

330' fsl, 1650' fwlAt total depth **2490' fsl, 1855' fwl**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Orquidea

9. WELL NUMBER

4-1H

10. FIELD AND POOL, OR WILDCAT

Rio Puerco - Mancos

11. SEC., T., R., OR BLK. AND SURVEY

Sec. 4 - T20N - R2W

12. COUNTY OR PAR

Sandoval

13. STATE

N.M.

15. DATE SPUD

11/20/92

16. DATE T.D. REACHED

12/18/92

17. DATE COMP (Ready to prod.)

2/12/93

18. ELEVATIONS (DF, FKB, RT, GR)

6870' GR, 6875' KB

19. ELEV. CASINGHEAD

6870'

20. TOTAL DEPTH, MD & TVD

5749' MD, 3913' TVD

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

5749' MD

22. IF MULTIPLE COMPL.,

HOW MANY?

23. INTERVALS

DRILLED BY:

ROTARY TOOLS

ALL

CABLE TOOLS

NONE

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

3098' - 5749' MD**Mancos "A" (Open hole)****3098' - 3913' TVD**25. WAS DIRECTIONAL
SURVEY MADE?**YES**

27. WAS WELL CORED?

NO

25. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR, CBL

CASING RECORD

(Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	35	354'	12 1/4"	165 SXS TYPE "A"	NONE
7"	23	3098'	8 3/4"	100 SXS 50/50 POZMIX +	NONE
				100 SXS TYPE "A"	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	3799'	NONE

31. PERFORATION RECORD (Interval, size and number)

OPEN HOLE 3098'-5749'

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

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED

PRODUCTION

33*		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or Shut-In)	
DATE FIRST PRODUCTION		FLOWING				PRODUCING	
2/12/93							
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PRODUCTION FOR TEST PERIOD >	OIL - BBL	GAS - MCF	WATER - BBL
2/14/93		24	OPEN	41	100 (est)	20	
FLOW, TUBING PR	CASING PRESS	CALCULATED	OIL - BBL	GAS - MCF.	WATER - BBL	OIL GRAVITY - API (CORR.)	
35 psi	450 psi	24 HR RATE >	41	100	20	36	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY:	
VENTED						A. MORALES	

35. LIST OF ATTACHMENTS

WELL BORE DIAGRAMS, DIL-GR LOG, CEMENT BOND LOG, DIRECTIONAL SURVEYS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Samuel Gary, Jr.TITLE **President**DATE **03/23/93**

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

NMAOCD

ACCEPTED FOR RECORD

37. SUMMARY OF POROUS ZONES: (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	GEOLOGIC MARKERS	
					MEAS. DEPTH (feet)	TRUE VERT DEPTH
Mancoos "A" sand (3761 TVD)		4824 MD (3811 TVD)	Horizontal wellbore entered 10' thick target zone within "A" sand at a position 472' N, 112' E of surface location. Wellbore stayed in zone 777', exiting target zone at a position 1242' N, 188' E of surface location. Fractured intervals and the associated oil shows were encountered in the target zone at the following drill depths: 1. 4230 MD (3769 TVD): 2. 4370 MD (3802 TVD): 3. 4645 MD (3796 TVD): 4. 4820 MD (3810 TVD): No shows of oil or gas were encountered in subsequent sidetracks.	Pictured Cliffs	578	578
				Lewis Shale	680	680
				Chaera	1034	1034
				Cliff House	1420	1420
				Menefee	2221	2221
				Point Lookout	2770	2770
				Mancoos Shale	2930	2930
				Mancoos "A" sand	4047	3761
				Mancoos "B" sand	4188	3882