

AMENDED

N. M. OIL CONS. COMMISSION

P. O. BOX 1980

HOBBS, NEW MEXICO

Form 3100-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ (Check one)

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REST. ☐ Other ☐

2. NAME OF OPERATOR
Sirgo-Collier, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 3531, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
Unit Letter I, 2350' FSL & 150' FEL, Sec. 30, T24S, R38E NMPM
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
LC-067968

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
WDQSU

8. FARM OR LEASE NAME
Well Ballarhite

9. WELL NO.
WDQSU Queen Unit
-70

10. FIELD AND POOL, OR WILDCAT
WDQSU Ballarhite Queen

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 30, T-24-S, R-38-E

15. DATE SPUDDED 5-8-87 16. DATE T.D. REACHED 5-17-87 17. DATE COMPL. (Reddy to prod.) 6-5-87 18. ELEVATIONS (OF. RKB, RT, GE, ETC.)* 3170' KB 3181.50' 19. ELEV. CASINGHEAD 3170.5'

20. TOTAL DEPTH, MD & TVD 3906' 21. PLUG BACK T.D., MD & TVD 3900' 22. IF MULTIPLE COMPLET., HOW MANY* -- 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 3906' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3718 - 3750' Queen

26. TYPE ELECTRIC AND OTHER LOGS RUN
Density Log, DL, ML, GR, VDL, CN

27. WAS WELL CORED
Yes
3684 - 3744'

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# J	396'	12-1/4"	250 sx. Class "C"	None
5-1/2	15.50 J	3900'	7-7/8"	1670 sx. Class "C"	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	3780'	

31. PERFORATION RECORD (Interval, size and number)
3718-20 6 holes
3728-50 46 holes
* 3828-3850' 16 holes
* New perfs

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
3718 - 3750 Acidize 14.50 gal 10% HCL
3718 - 3750 Frac 350 bbl gel, 10500# 20-40, 24000# 12-20, 60 tons CO₂
* 3828-3850' Acidize 1500 gal 15% NEFE, No Frac, packer stuck

33. PRODUCTION
DATE FIRST PRODUCTION June 2, 1987 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2" Tubing Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>June 4</u>	<u>24</u>	<u>NA</u>	<u>→</u>	<u>23/*30</u>	<u>TSTM</u>	<u>374</u>	<u>NA</u>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
<u>NA</u>	<u>25#</u>	<u>→</u>	<u>23/*30</u>	<u>TSTM</u>	<u>374</u>	<u>33°</u>	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) *New production TEST WITNESSED BY Timothy D. Collier

35. LIST OF ATTACHMENTS
Densilog, CGRN, DL, ML, VDL

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

SIGNED Timothy D. Collier TITLE Agent DATE June 19, 1987

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

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Salt	1220	2560	Salt	Salt	1220	KB
Yates	2745			Yates	2560	
Queen	3690	3840	Queen Sands	Queen	3690	
Queen	3684	3744	Cored, Sandy Dolomite	Grayburg	3840	

MOBES OFFICE
OCD
AUG 31 1987
RECEIVED