Form 9-330
(Rev. 5-63)

NMOCC - ARTESIA
NMOCC - HOBBS
BLM - SANTA FE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
OCT 20 1967
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

5. LEASE DESIGNATION AND SERIAL NO.: NM 0177517

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: COLL-FEDERAL

2. NAME OF OPERATOR: SOUTHWEST PRODUCTION CORPORATION

9. WELL NO.: 2

3. ADDRESS OF OPERATOR: P. O. BOX 936 - ROSWELL, NEW MEXICO

10. FIELD AND POOL, OR WILDCAT: CATO SAN ANDRES

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 988' fnl & 1656' fwl - Sec. 13 - T8S - R30E
At top prod. interval reported below Same
At total depth Same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 13 - T8S - R30E NMPM

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: CHAVES | 13. STATE: NEW MEXICO

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7/18/67	8/5/67		4165' GR 4176' KB	4165'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3610'	3600'	--------	→	Surf -TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Perfs 3555 - 60, 3565 - 68, 3570 - 73.

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma-Neutron

27. WAS WELL CORED: NO

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	727'	9-7/8"	200 Sacks - circ.	
4-//2"	9.5#	3610'	6-1/4"	100 Sacks	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3550'	3540'

31. PERFORATION RECORD (*Interval, size and number*)
5 Shots @ 3555-60 w/3-1/2" NCF II
5 Shots @ 3565-68 w/3-1/2" NCF II
6 Shots @ 3570-73 w/3-1/2" NCF II

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3555 - 73	3000 gals. 28% acid.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9/23/67	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/25/67	24	----	→	44	TSTM	22	------

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
----	----,	→	44	----	22	25°

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
VENTED

TEST WITNESSED BY: ROBERT J. (BOB) KLESEL

35. LIST OF ATTACHMENTS
GAMMA-NEUTRON LOG AND HOLE DEVIATION SURVEY

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

SIGNED H. Lee Harvard H. LEE HARVARD TITLE EXPLORATION MANAGER DATE 9/26/67

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

ACCEPTED FOR RECORD
J. W. Sutherland
District Engineer