

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
NM-18319

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
29-4 Carson 20-#1

9. API WELL NO.
30-039-24837

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal
Gas Pool Nacimiento

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Section 20
T29N R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RENVR. Other _____

2. NAME OF OPERATOR
Falcon Seaboard Oil Company

3. ADDRESS AND TELEPHONE NO.
5 Post Oak Park, Suite 1400, Houston, TX 77027 (713)622-0055

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1640' FNL & 880' FWL
At top prod. interval reported below same
At total depth same

14. PERMIT NO. _____ DATE ISSUED
MAY - 6 1996

RECEIVED
MAY - 6 1996

OIL CON. DIV.

15. DATE SPUDDED 8-11-90 16. DATE T.D. REACHED 8-16-90 17. DATE COMPL. (Ready to prod.) 10-28-95 18. ELEVATIONS (TOE, BHR. RT. OR, ETC.)* 6577' KB 19. ELEV. CASINGHEAD 6564'

20. TOTAL DEPTH, MD & TVD 3610' 21. PLUG, BACK T.D., MD & TVD 2500' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-TD' CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Top 1721' KB Bottom 2142' KB Nacimiento

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gas Spectrum, Induction, Micro, Spectral Density, Neutron

27. WAS WELL CORED
Sidewall

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	263' KB	12-1/4"	See Attachment A	
5-1/2"	17	3606' KB	7-7/8"	See Attachment 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"	2158'	N/A

31. PERFORATION RECORD (Interval, size and number)

1721-1725'	0.38"	4 holes
1895-1899'	0.38"	5 holes
2129-2131'	0.38"	3 holes
2136-2142'	0.38"	7 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1721-2142'	See Attachment A

33. PRODUCTION

DATE FIRST PRODUCTION 10-29-95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - Plunger Lift WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-28-95	6	64/64"	→	0	81	29	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
520	740	→	0	324	116	N/A

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

TEST WITNESSED BY
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS
Attachment A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED [Signature] TITLE Senior Engineer DATE 4/18/96

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

FARMINGTON DISTRICT OFFICE

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Nacimiento	1721'	2142'	Gas and Water	Nacimiento	1721'	1721'
Fruitland Coal	3062'	3280'	Gas and Water	OJO Alamo Fruitland Form.	2645' 3062'	2645' 3062'
Pictured Cliffs	3280'	3567'	Gas and Water	Pictured Cliffs	3567'	3567'

38. GEOLOGIC MARKERS

Attachment A
to
Bureau of Land Management Form 3160-4
"Well Completion or Recompletion Report and Log"

RECEIVED
BLM

10/17/90 PM 2:01

070

Company: Falcon Seaboard Oil Company
Address: Five Post Oak Park, Suite 1400
Houston, Texas 77027
Attention: John Sprowls

Well: 29-4 Carson 20-#1
Unit E, Section 20 T29N, R4W
Rio Arriba County, New Mexico

Item 28. Cement Record

Surface casing 8-5/8" 24 # K55 ST&C at 263' KB.

Cemented with 180 sacks (212.40 cu. ft.) Class "B" with 2% CaCl₂ and 1/4#/sk. flocele. Cement circulated to surface.

Production casing 5-1/2" 17# N80 LT&C at 3606.44' KB.

Cemented in two stages. First stage 20 bbls mud flush followed by 200 sacks (242 cu. ft.) 50/50 poz., 2% gel, 0.6% Halad 322, 225 sacks (265.50 cu. ft.) Class "B" standard w/0.4% Halad 344, 0.4% CFR-3, 0.2% Super CBL. Plug down at 12:00 midnight. Circulated 3 hours between stages. Second stage through DV tool at 1647.00' KB with 10 bbls Flo-check followed by 300 sacks (495 cu. ft.) HOWCO Lite w/0.6% Halad 322, 2% KCL (BWOW), 1/4#/sk. flocele followed by 50 sacks (59 cu. ft.) Class "B" neat. Plug down at 4:00 a.m., 8-18-90. Circulated 10 bbls cement to surface on second stage. CBL ran on 10-17-90.

Item 32. Stimulation Record

Interval 1895-1899', 2129-3131', 2136-2142'
Acidized with 700 gallons of 15% HCl through PPI tool.

Interval 1721-1725'
Acidized with 500 gallons of 15% HCl through PPI tool.