

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF078096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 31-11-21

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., N., OR BLOCK AND SURVEY
OR AREA

Section 21, T31N, R11W

12. COUNTY OR
PARISH
San Juan13. STATE
NM

14. PERMIT NO.

DATE ISSUED

API # 30-045-28889

15. DATE SPUDDED

12-11-92

16. DATE T.D. REACHED

12-13-92

17. DATE COMPL. (Ready to prod.)

3-05-93

18. ELEVATIONS (DF, RKB, RT, CR, ETC.)*

5885' GR

19. ELEV. CASINGHEAD

5884'

20. TOTAL DEPTH, MD & TVD

2655'

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

2610'

22. IF MULTIPLE COMPL.,
HOW MANY*

-

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

2400'-2485'

Fruitland Coal

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL/GR/CCL DIL/Formation Denisty Log

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
8 5/8"	24#	268.47'	12 1/4"	200 sx Class Bw/2% CaCl	12 Bbls
5 1/2"	15.5#	2661'	7 7/8"	270 sx 65/35 Poz + 100 sx Class Bw/1% CF-14 & 0.4% Thrifty Lite	6.5 Bbls
(Top of Cement @ Surface)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2506'	-

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
2463'-2485'	.45"	4 JSPF
2449'-2452'	.45"	4 JSPF
2406'-2410'	.45"	4 JSPF
2400'-2402'	.45"	4 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2400'-2485'	793 Bbls 70 Quality Foam
	1,260,000 SCF N2 +
	127,900# 20/40 Brady Sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						SI - WO PL/IP Test	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
		1/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
260 psi	360 psi	→					

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

Well is capable of commercial production - will submit Initial Potential when tested.

35. LIST OF ATTACHMENTS

C-102 Plat, Deviation Survey, Cement Job Detail Reports

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

SIGNED

Lance A. Baze

TITLE

Agent

(915) 694-6107

FARMINGTON DISTRICT OFFICE

DATE

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CONED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1592'	1621'	Sandstone			
Kirtland	1621'	2103'	Shale			
Fruitland	2103'	2506'	Shale/Coal/Sandstone			
Pictured Cliffs	2506'	TD	Sandstone			