

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 091

6. IF INDIAN, NAME OF INDIAN OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LAND NAME

Cole Gas "A"

9. WELL NO.

10. FIELD AND NAME OR WILDCAT

Blanco Verde

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

SW/4 Section 15,
T-29-N, R-9-W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

14. DATE CASINGHEAD

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 Airport Drive Farmington, NM 87401

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

At surface

800 FSL x 1460' FEL, Section 15, T-29-N, R-9-W

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/29/77

16. DATE T.D. REACHED

11/4/77

17. DATE COMPL. (Ready to prod.)

12/21/77

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

5933' GL, 5946' KB

20. TOTAL DEPTH, MD & TVD

4930'

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

4888'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS
O-TD

CABLE TOOLS

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

4013-4828', Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Correlation, Compensated Density

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
9-5/8"	32.3	257'	13-3/4"	450 SX	
7"	20	2859'	8-3/4"	600 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	2281'	4930'	270		2-3/8"	4816'	None

31. PERFORATION RECORD (Interval, size and number)

4013-16, 4102-10, 4136-70, 4184-4203, 4216-30, 4240-54, 4280-94, 4324-28, 4365-70, 4398-4402, 4426-52, 4469-79, 4519-22, 4600-04, 4610-18, 4622-24, 4630-32, 4635-51, 4668-70, 4680-93, 4712-30, 4734-75, 4782-88, 4796-4805,

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4013-4294'	121,900# SN & 6060 gal frac fluid
4324-4522'	59,800# SN & 2000 gal frac fluid
4600-4828'	143,760# SN & 1070 gal frac fluid

33. PRODUCTION

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

Flowing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	PROD. RATIO
12/28/77	3	0.75"			229		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	PROD. RATIO	WELL-HEAD PRESS. (PSIG)
140 psig	475 psig			1833			

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

To Be Sold

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Area Adm. Supervisor

DATE

1/12/78

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

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

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.)

Perforations Cont'd

4824-28, x 1 SPY of .41" diameter; total of 282 holes.

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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	2218'					
Pictured Cliffs	2457'					
Messaverde	4122'					
Mancos	4831'					