

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 *

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

Jack A. Cole

3. ADDRESS OF OPERATOR

P.O. Box 191, Farmington, New Mexico 87499

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

At surface 870' FNL, 1740' FWL

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED 10-2-86 16. DATE T.D. REACHED 10-9-86 17. DATE COMPL. (Ready to prod.) 10-25-86 18. ELEVATIONS (OF, REB, RT, GR, ETC.) 7020 GR 7032 KB 19. ELEV. CASING HEAD 7020 GR

20. TOTAL DEPTH, MD & TVD 5770 21. PLUG, BACK T.D., MD & TVD 5716 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-5770

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

5436-5646 Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and Formation Density

29. 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	24.0 lb.	260	12 1/4	250 sacks 295 cu. ft.	NONE
4 1/2	10.50 lb.	5769	7 7/8	775 sacks 1358 cu. ft.	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5667	

31. PERFORATION RECORD (Interval, size and number)

5436-5448	5612-5616
5457-5461	5628-5631 2/ft. .50 dia.
5561-5565	5631-5636
5570-5578	5639-5646
5605-5609	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5436-5461	32,500 lbs. gelled acid
	53,000 lbs. 20 # sand
5561-5646	37,700 lbs. gelled acid
	72,000 lbs. 20 # sand

33. PRODUCTION

DATE FIRST PRODUCTION 2-25-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	JOH GRVITY (API)
2-28-87	24	3/4	→	14	150	-0-	54.0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	JOH GRVITY (API)	
65	200	→	14	150	-0-	54.0	

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

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

Dwayne Blarath

TITLE

Production Superintendent

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

NMOCG

FARMINGTON RESOURCE AREA

INSTRUCTIONS

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:		38. GEOLOGIC MARKERS		39. WELL COMPLETION OR RECOMPLETION REPORT	
FORMATION	TOP	MEAS	DEPTH	FOR	TRUE VERT. DEPTH
37.1. SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING INTERVALS, DRILLING BY INTERVALS, AND RECOVERIES 37.2. SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING INTERVALS, DRILLING BY INTERVALS, AND RECOVERIES		38.1. NAME 38.2. DATE		39.1. WELL 39.2. DEPTH 39.3. MEAS 39.4. TRUE VERT. DEPTH	
37.3. PRODUCTION 37.4. PRODUCTION METHOD (Flowing, Gas Lift, Solvent, etc.)		38.3. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.4. AS PROD. (Intervals reported below)		39.5. DATE OF COMPLETION 39.6. TYPE OF COMPLETION 39.7. OTHER	
37.5. PRODUCTION TESTS 37.6. PRODUCTION TESTS		38.5. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.6. AS PROD. (Intervals reported below)		39.8. DATE OF COMPLETION 39.9. TYPE OF COMPLETION 39.10. OTHER	
37.7. PRODUCTION TESTS 37.8. PRODUCTION TESTS		38.7. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.8. AS PROD. (Intervals reported below)		39.11. DATE OF COMPLETION 39.12. TYPE OF COMPLETION 39.13. OTHER	
37.9. PRODUCTION TESTS 37.10. PRODUCTION TESTS		38.9. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.10. AS PROD. (Intervals reported below)		39.14. DATE OF COMPLETION 39.15. TYPE OF COMPLETION 39.16. OTHER	
37.11. PRODUCTION TESTS 37.12. PRODUCTION TESTS		38.11. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.12. AS PROD. (Intervals reported below)		39.17. DATE OF COMPLETION 39.18. TYPE OF COMPLETION 39.19. OTHER	
37.13. PRODUCTION TESTS 37.14. PRODUCTION TESTS		38.13. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.14. AS PROD. (Intervals reported below)		39.20. DATE OF COMPLETION 39.21. TYPE OF COMPLETION 39.22. OTHER	
37.15. PRODUCTION TESTS 37.16. PRODUCTION TESTS		38.15. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.16. AS PROD. (Intervals reported below)		39.23. DATE OF COMPLETION 39.24. TYPE OF COMPLETION 39.25. OTHER	
37.17. PRODUCTION TESTS 37.18. PRODUCTION TESTS		38.17. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.18. AS PROD. (Intervals reported below)		39.26. DATE OF COMPLETION 39.27. TYPE OF COMPLETION 39.28. OTHER	
37.19. PRODUCTION TESTS 37.20. PRODUCTION TESTS		38.19. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.20. AS PROD. (Intervals reported below)		39.29. DATE OF COMPLETION 39.30. TYPE OF COMPLETION 39.31. OTHER	
37.21. PRODUCTION TESTS 37.22. PRODUCTION TESTS		38.21. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.22. AS PROD. (Intervals reported below)		39.32. DATE OF COMPLETION 39.33. TYPE OF COMPLETION 39.34. OTHER	
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37.29. PRODUCTION TESTS 37.30. PRODUCTION TESTS		38.29. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.30. AS PROD. (Intervals reported below)		39.44. DATE OF COMPLETION 39.45. TYPE OF COMPLETION 39.46. OTHER	
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37.33. PRODUCTION TESTS 37.34. PRODUCTION TESTS		38.33. LOCATION OF WELL (Report location clearly and in accordance with any local requirements) 38.34. AS PROD. (Intervals reported below)		39.50. DATE OF COMPLETION 39.51. TYPE OF COMPLETION 39.52. OTHER	
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38. GEOLOGIC MARKERS

1st: Stage through float collar @ 5116 with 425 sacks (612 cu. ft.) 50-50 pozmix, 28 Gel, 6 1/4 lbs. Gilsonite and 6 lbs. salt per sack. Plug down 12:45 A.M. October 10, 1986. Calculated top of cement 3611.

2nd: Stage through stage collar at 2304 with 300 sacks (687 cu. ft.) 65-35 pozmix, 128 Gel and 6 1/4 lbs. Gilsonite followed by 50 sacks (59 cu. ft.) Class B cement. Circulated cement to surface.

NAME	MEAS.	DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1510		1510
Kirtland	1600		1600
Fruitland	1760		1760
Pictured Cliffs	2065		2065
Lewis	2190		2190
Chacra	2522		2522
Califfhouse	2950		2950
Menefee	3090		3090
Pt. Lookout	4320		4320
Mancos	4550		4550
Gallup	5175		5175

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UNITED STATES DEPARTMENT OF THE INTERIOR

MINERAL COMPLETION OR RECOMPLETION REPORT