

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.

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 SPUDDED 10-2-86 16. DATE T.D. REACHED 10-9-86 17. DATE COMPL. (Ready to prod.) 10-25-86 18. ELEVATIONS (DF, RKB, 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 0-27' 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)	PACER SET (MD)
					2 3/8	5667	

31. PERFORATION RECORD (Interval, size and number)

5436-5448 5612-5616
5457-5461 5628-5631 2/ft. .50 in.
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 # 40 sand
5561-5646	37,700 lbs. gelled acid
	72,000 lbs. 20 # 40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-25-87		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-28-87	24	3/4	→	14	150	0	6.42
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	DIF. GRAVITY API (CORR.)	
65	200	→	14	150	-0-	6.60	

34. DISPOSITION OF GAS (Sold, used for fuel, vented to air, 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

Dorothy Blarath

TITLE

Production Superintendent

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

NMCC

FARMINGTON RESOURCE AREA

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, for 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.

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.)

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.

Item 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.

7. SUMMARY OF POROUS ZONES:

1. 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		2. LOCATION OF WELL (Report location clearly and in accordance with our District Office)		3. NAME OF OPERATOR		4. TYPE OF COMPLETION: WELL ☐ NEW WORK ☐ OTHER ☐ DEEPEN ☐ BACK ☐ REPAIR ☐ OTHER ☐		5. TYPE OF COMPLETION: WELL ☐ NEW WORK ☐ OTHER ☐ DEEPEN ☐ BACK ☐ REPAIR ☐ OTHER ☐		6. DATE SHIPPED		7. DATE THE DEPT. OF THE INTERIOR		8. DEPT. OF THE INTERIOR	
9. FORMATION		10. TOP		11. BOTTOM		12. DEPTH INTERVAL TESTED		13. CUSHION USED		14. TIME TOOL OPEN		15. FLOWING AND SHUT IN PRESSURES		16. RECOVERIES	
17. PRODUCTION RECORD (Indicate rate and pressure)		18. TOTAL (GPD)		19. BOTTOM (GPD)		20. PRESSURE (PSI)		21. PRODUCTION RECORD (Indicate rate and pressure)		22. TOTAL (GPD)		23. BOTTOM (GPD)		24. PRESSURE (PSI)	
25. PRODUCTION RECORD (Indicate rate and pressure)		26. TOTAL (GPD)		27. BOTTOM (GPD)		28. PRESSURE (PSI)		29. PRODUCTION RECORD (Indicate rate and pressure)		30. TOTAL (GPD)		31. BOTTOM (GPD)		32. PRESSURE (PSI)	
33. PRODUCTION RECORD (Indicate rate and pressure)		34. TOTAL (GPD)		35. BOTTOM (GPD)		36. PRESSURE (PSI)		37. PRODUCTION RECORD (Indicate rate and pressure)		38. TOTAL (GPD)		39. BOTTOM (GPD)		40. PRESSURE (PSI)	
41. PRODUCTION RECORD (Indicate rate and pressure)		42. TOTAL (GPD)		43. BOTTOM (GPD)		44. PRESSURE (PSI)		45. PRODUCTION RECORD (Indicate rate and pressure)		46. TOTAL (GPD)		47. BOTTOM (GPD)		48. PRESSURE (PSI)	
49. PRODUCTION RECORD (Indicate rate and pressure)		50. TOTAL (GPD)		51. BOTTOM (GPD)		52. PRESSURE (PSI)		53. PRODUCTION RECORD (Indicate rate and pressure)		54. TOTAL (GPD)		55. BOTTOM (GPD)		56. PRESSURE (PSI)	
57. PRODUCTION RECORD (Indicate rate and pressure)		58. TOTAL (GPD)		59. BOTTOM (GPD)		60. PRESSURE (PSI)		61. PRODUCTION RECORD (Indicate rate and pressure)		62. TOTAL (GPD)		63. BOTTOM (GPD)		64. PRESSURE (PSI)	
65. PRODUCTION RECORD (Indicate rate and pressure)		66. TOTAL (GPD)		67. BOTTOM (GPD)		68. PRESSURE (PSI)		69. PRODUCTION RECORD (Indicate rate and pressure)		70. TOTAL (GPD)		71. BOTTOM (GPD)		72. PRESSURE (PSI)	
73. PRODUCTION RECORD (Indicate rate and pressure)		74. TOTAL (GPD)		75. BOTTOM (GPD)		76. PRESSURE (PSI)		77. PRODUCTION RECORD (Indicate rate and pressure)		78. TOTAL (GPD)		79. BOTTOM (GPD)		80. PRESSURE (PSI)	
81. PRODUCTION RECORD (Indicate rate and pressure)		82. TOTAL (GPD)		83. BOTTOM (GPD)		84. PRESSURE (PSI)		85. PRODUCTION RECORD (Indicate rate and pressure)		86. TOTAL (GPD)		87. BOTTOM (GPD)		88. PRESSURE (PSI)	
89. PRODUCTION RECORD (Indicate rate and pressure)		90. TOTAL (GPD)		91. BOTTOM (GPD)		92. PRESSURE (PSI)		93. PRODUCTION RECORD (Indicate rate and pressure)		94. TOTAL (GPD)		95. BOTTOM (GPD)		96. PRESSURE (PSI)	
97. PRODUCTION RECORD (Indicate rate and pressure)		98. TOTAL (GPD)		99. BOTTOM (GPD)		100. PRESSURE (PSI)		101. PRODUCTION RECORD (Indicate rate and pressure)		102. TOTAL (GPD)		103. BOTTOM (GPD)		104. PRESSURE (PSI)	
105. PRODUCTION RECORD (Indicate rate and pressure)		106. TOTAL (GPD)		107. BOTTOM (GPD)		108. PRESSURE (PSI)		109. PRODUCTION RECORD (Indicate rate and pressure)		110. TOTAL (GPD)		111. BOTTOM (GPD)		112. PRESSURE (PSI)	
113. PRODUCTION RECORD (Indicate rate and pressure)		114. TOTAL (GPD)		115. BOTTOM (GPD)		116. PRESSURE (PSI)		117. PRODUCTION RECORD (Indicate rate and pressure)		118. TOTAL (GPD)		119. BOTTOM (GPD)		120. PRESSURE (PSI)	
121. PRODUCTION RECORD (Indicate rate and pressure)		122. TOTAL (GPD)		123. BOTTOM (GPD)		124. PRESSURE (PSI)		125. PRODUCTION RECORD (Indicate rate and pressure)		126. TOTAL (GPD)		127. BOTTOM (GPD)		128. PRESSURE (PSI)	
129. PRODUCTION RECORD (Indicate rate and pressure)		130. TOTAL (GPD)		131. BOTTOM (GPD)		132. PRESSURE (PSI)		133. PRODUCTION RECORD (Indicate rate and pressure)		134. TOTAL (GPD)		135. BOTTOM (GPD)		136. PRESSURE (PSI)	
137. PRODUCTION RECORD (Indicate rate and pressure)		138. TOTAL (GPD)		139. BOTTOM (GPD)		140. PRESSURE (PSI)		141. PRODUCTION RECORD (Indicate rate and pressure)		142. TOTAL (GPD)		143. BOTTOM (GPD)		144. PRESSURE (PSI)	
145. PRODUCTION RECORD (Indicate rate and pressure)		146. TOTAL (GPD)		147. BOTTOM (GPD)		148. PRESSURE (PSI)		149. PRODUCTION RECORD (Indicate rate and pressure)		150. TOTAL (GPD)		151. BOTTOM (GPD)		152. PRESSURE (PSI)	
153. PRODUCTION RECORD (Indicate rate and pressure)		154. TOTAL (GPD)		155. BOTTOM (GPD)		156. PRESSURE (PSI)		157. PRODUCTION RECORD (Indicate rate and pressure)		158. TOTAL (GPD)		159. BOTTOM (GPD)		1	

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 25, 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 13: 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 for intervals, top(s), bottom(s), and name(s) (if any) for only the interval reported in item 32. 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: "Sticks 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: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURTAIN USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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1st. Stage through float collar @ 5716 with 425 sacks (612 cu. ft.) 50-50 pozmix, 2% Gel, 6 1/4 lbs. Gilsonite and 6 lbs. salt per sack. Plug down 12:45 A.M. October 10, 1956. Calculated top of cement 3641.

2nd. Stage through stage collar at 2304 with 300 sacks (687 cu. ft.) 65-35 pozmix, 12% Gel and 6 1/4 lbs. Gilsonite followed by 50 sacks (59 cu. ft.) Class B cement. Circulated cement to surface.

GEOLOGIC MARKERS

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

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