

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.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Cont. #12

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Otero Com

9. WELL NO.

10. FIELD AND POOL OR WILDCAT

Basin Dakota

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

Sec 22, T24N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

Nine Greenway Plaza, Suite 2700, Houston, TX 77046

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

At surface 890 FSL + 990 FWL

At top prod. interval reported below same as surface

At total depth same as surface

14. PERMIT NO.

N/A

DATE ISSUED

38

15. DATE SPUDDED

5/4/79

16. DATE T.D. REACHED

5/18/79

17. DATE COMPL. (Ready to prod.)

7/9/79

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

6677' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6900'

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

6765'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

6627-6765 (Dakota)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cement Bond Log, Compensated Neutron 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#	339	12-1/4"	225 x A + 2% + 1/4#	
5-1/2"	15.5# + 14#	6894	7-7/8"	715 x 50/50 Poz + 8% gal + 250 x A (in 3 stages)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6590	

31. PERFORATION RECORD (Interval, size and number)

Prfs. 6814-6841 (sqz.) Burro Canyon
6627-6765 Dakota

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
478'	200 x A + 2% CaCl ₂ @ 150 psi
2823'	sqz 1k w/200 x A + 2% CaCl
6814-41	acidized 3000 gals 15% HCl
	sqzd w/150 x A

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) cont'd on back
flowing SI pending pl. connection

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF./PD	WATER—BBL.	GAS-OIL RATIO
5/24/79	3 hrs.	3/4"	→	9	664	6	74
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
118	0	→	72	690(CAOF)	48	45.6	

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

sold

35. LIST OF ATTACHMENTS

Drilling Report Summary, Logs (3 sets), Inclination Survey

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

SIGNED

Rexley Jay

TITLE

Authorized Agent

DATE

8/8/79

*(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 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.)

32. 6627-6765 Acidized w/3000 gals. 15%
HCl + 40 + 40 BS, SWF perfs
w/80,000 gals. Mini Max III
+ 135,000# 20/40 + 20,000#
10/20 sd + 2 BS.

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.
Dakota	6627	6765	Swabbed formation wtr in 9 hrs. sqzd. off.
Burro Canyon	6814	6841	No cores; No DST's.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

39. WELL COMPLETION OR RECOMPLETION REPORT

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

40. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

41. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

42. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

43. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

44. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

45. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

46. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

47. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

48. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

49. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

50. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

51. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

52. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

53. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

54. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

55. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

56. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

57. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

58. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

59. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

60. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

61. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

62. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

63. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

64. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

65. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

66. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

67. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

68. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

69. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

70. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

71. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

72. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

73. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

74. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

75. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

76. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

77. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

78. LOG

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliff	2319		
Mesa Verde	3839		
Gallup	5564		
Greenhorn	6569 (base)		
Dakota Sand	6627		

79. LOG