

U.S. G.S. FORM NO. 100-10-65

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-3555.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

2. TYPE OF COMPLETION:

PROD. WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIPA. RESTR. ☐ Other _____

3. NAME OF OPERATOR:

Sentinel Petroleum Corporation

4. ADDRESS OF OPERATOR:

1700 Broadway, Denver, Colorado

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

at surface

at top prod. interval reported below 2510

at total depth 2590

6. LEASE DESIGNATION AND SERIAL NO.

Tribal Lease #317

7. IF INDIAN, ALLOTTEE, OR TRIBE NAME

Jicarilla

8. UNIT AGREEMENT NAME

Tract 13

9. FARM OR LEASE NAME

Jicarilla Abel

10. WELL NO.

2

11. FIELD AND ZONE OF WELL

South Plains Pictured Cliffs

12. SEC. T. R., NE, OR OTHER LAND SURVEY OR AREA

1092' FEL 1650' FSL
Sec 31-T24N-R4W

13. COUNTY OR PARISH

Rio Arriba New Mexico

14. PERMIT NO. DATE ISSUED

15. DATE T.D. REACHED 16. DATE COMPL. (Ready to prod.) 17. ELEVATIONS (DE, NRB, RT, GE, ETC.)* 18. ELEV. OF HEAD

3-1-65 3-4-65 4-9-65 6876 GR 6878

19. PLUG. BACK T.D., MD & TVD 20. IF MULTIPLE COMPL., HOW MANY* 21. INTERVALS DRILLED BY 22. ROTARY TOOLS 23. OTHER TOOLS

2590 2558 none → X

24. LOGGING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS PROFESSIONAL SERVICE MAID

2524-2544 Pictured Cliffs yes

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CURED

G.O. Wire Line Service Gamma Ray and Bond Log no

28. CASING RECORD (Report all strings set in well)

PIPE SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT CURED
8 5/8	24	102	12 1/2	60 sacks	
4 1/2	9.5	2589	6 3/4	80 sacks 10% salt	

29. LINER RECORD 30. TUBING RECORD

PIPE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
none					1 1/4	2503	

31. INFORMATION RECORD (Interval, size and number)

2530-2531 4 holes
2538-2548 20 holes Dyna Jets

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2530-2548	150 gal acid, 35,000 gal water, 35,000 gal 10-20 sand and 20 tons CO ₂

33. PRODUCTION

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

35. DATE OF TEST HOURS TESTED CHOKER SIZE PROD'N. PER TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

4-20-65 →

36. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY—API (CORR.)

37. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

To be sold to El Paso Natural Gas

38. LIST OF ATTACHEMENTS

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

SIGNED _____ TITLE _____ DATE 6-24-65

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



[illegible]

Item 22: Indicate what elevation is used as reference (above and otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Item 22.6 is completed for separate, preexisting, from more than one interval zone (multiple configuration), so show in item 22 and in item 24 show the preceding interval zone (from more than one interval zone).

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.)

SUMMARY OF DOCTRINE

OF CHANGES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL PERTINENT TESTS, INCLUDING SHEAR AND EXPANSION ZONES OF POROSITY AND CONTENTS THEREOF; AND ALL PERTINENT TESTS, INCLUDING DEPTH INTERVAL TESTED, FISHING TEST, PLACING AND SETTING PRESSION, AND RECOVERY.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP
FORMATION 1	TOP 1	BOTTOM 1	DESCRIPTION, CONTENTS, ETC. 1	NAME 1	TOP 1
FORMATION 2	TOP 2	BOTTOM 2	DESCRIPTION, CONTENTS, ETC. 2	NAME 2	TOP 2
FORMATION 3	TOP 3	BOTTOM 3	DESCRIPTION, CONTENTS, ETC. 3	NAME 3	TOP 3
FORMATION 4	TOP 4	BOTTOM 4	DESCRIPTION, CONTENTS, ETC. 4	NAME 4	TOP 4
FORMATION 5	TOP 5	BOTTOM 5	DESCRIPTION, CONTENTS, ETC. 5	NAME 5	TOP 5
FORMATION 6	TOP 6	BOTTOM 6	DESCRIPTION, CONTENTS, ETC. 6	NAME 6	TOP 6
FORMATION 7	TOP 7	BOTTOM 7	DESCRIPTION, CONTENTS, ETC. 7	NAME 7	TOP 7
FORMATION 8	TOP 8	BOTTOM 8	DESCRIPTION, CONTENTS, ETC. 8	NAME 8	TOP 8
FORMATION 9	TOP 9	BOTTOM 9	DESCRIPTION, CONTENTS, ETC. 9	NAME 9	TOP 9
FORMATION 10	TOP 10	BOTTOM 10	DESCRIPTION, CONTENTS, ETC. 10	NAME 10	TOP 10
FORMATION 11	TOP 11	BOTTOM 11	DESCRIPTION, CONTENTS, ETC. 11	NAME 11	TOP 11
FORMATION 12	TOP 12	BOTTOM 12	DESCRIPTION, CONTENTS, ETC. 12	NAME 12	TOP 12
FORMATION 13	TOP 13	BOTTOM 13	DESCRIPTION, CONTENTS, ETC. 13	NAME 13	TOP 13
FORMATION 14	TOP 14	BOTTOM 14	DESCRIPTION, CONTENTS, ETC. 14	NAME 14	TOP 14
FORMATION 15	TOP 15	BOTTOM 15	DESCRIPTION, CONTENTS, ETC. 15	NAME 15	TOP 15
FORMATION 16	TOP 16	BOTTOM 16	DESCRIPTION, CONTENTS, ETC. 16	NAME 16	TOP 16
FORMATION 17	TOP 17	BOTTOM 17	DESCRIPTION, CONTENTS, ETC. 17	NAME 17	TOP 17
FORMATION 18	TOP 18	BOTTOM 18	DESCRIPTION, CONTENTS, ETC. 18	NAME 18	TOP 18
FORMATION 19	TOP 19	BOTTOM 19	DESCRIPTION, CONTENTS, ETC. 19	NAME 19	TOP 19
FORMATION 20	TOP 20	BOTTOM 20	DESCRIPTION, CONTENTS, ETC. 20	NAME 20	TOP 20
FORMATION 21	TOP 21	BOTTOM 21	DESCRIPTION, CONTENTS, ETC. 21	NAME 21	TOP 21
FORMATION 22	TOP 22	BOTTOM 22	DESCRIPTION, CONTENTS, ETC. 22	NAME 22	TOP 22
FORMATION 23	TOP 23	BOTTOM 23	DESCRIPTION, CONTENTS, ETC. 23	NAME 23	TOP 23
FORMATION 24	TOP 24	BOTTOM 24	DESCRIPTION, CONTENTS, ETC. 24	NAME 24	TOP 24
FORMATION 25	TOP 25	BOTTOM 25	DESCRIPTION, CONTENTS, ETC. 25	NAME 25	TOP 25
FORMATION 26	TOP 26	BOTTOM 26	DESCRIPTION, CONTENTS, ETC. 26	NAME 26	TOP 26
FORMATION 27	TOP 27	BOTTOM 27	DESCRIPTION, CONTENTS, ETC. 27	NAME 27	TOP 27
FORMATION 28	TOP 28	BOTTOM 28	DESCRIPTION, CONTENTS, ETC. 28	NAME 28	TOP 28
FORMATION 29	TOP 29	BOTTOM 29	DESCRIPTION, CONTENTS, ETC. 29	NAME 29	TOP 29
FORMATION 30	TOP 30	BOTTOM 30	DESCRIPTION, CONTENTS, ETC. 30	NAME 30	TOP 30
FORMATION 31	TOP 31	BOTTOM 31	DESCRIPTION, CONTENTS, ETC. 31	NAME 31	TOP 31
FORMATION 32	TOP 32	BOTTOM 32	DESCRIPTION, CONTENTS, ETC. 32	NAME 32	TOP 32
FORMATION 33	TOP 33	BOTTOM 33	DESCRIPTION, CONTENTS, ETC. 33	NAME 33	TOP 33
FORMATION 34	TOP 34	BOTTOM 34	DESCRIPTION, CONTENTS, ETC. 34	NAME 34	TOP 34
FORMATION 35	TOP 35	BOTTOM 35	DESCRIPTION, CONTENTS, ETC. 35	NAME 35	TOP 35
FORMATION 36	TOP 36	BOTTOM 36	DESCRIPTION, CONTENTS, ETC. 36	NAME 36	TOP 36
FORMATION 37	TOP 37	BOTTOM 37	DESCRIPTION, CONTENTS, ETC. 37	NAME 37	TOP 37
FORMATION 38	TOP 38	BOTTOM 38	DESCRIPTION, CONTENTS, ETC. 38	NAME 38	TOP 38
FORMATION 39	TOP 39	BOTTOM 39	DESCRIPTION, CONTENTS, ETC. 39	NAME 39	TOP 39
FORMATION 40	TOP 40	BOTTOM 40	DESCRIPTION, CONTENTS, ETC. 40	NAME 40	TOP 40
FORMATION 41	TOP 41	BOTTOM 41	DESCRIPTION, CONTENTS, ETC. 41	NAME 41	TOP 41
FORMATION 42	TOP 42	BOTTOM 42	DESCRIPTION, CONTENTS, ETC. 42	NAME 42	TOP 42
FORMATION 43	TOP 43	BOTTOM 43	DESCRIPTION, CONTENTS, ETC. 43	NAME 43	TOP 43
FORMATION 44	TOP 44	BOTTOM 44	DESCRIPTION, CONTENTS, ETC. 44	NAME 44	TOP 44
FORMATION 45	TOP 45	BOTTOM 45	DESCRIPTION, CONTENTS, ETC. 45	NAME 45	TOP 45
FORMATION 46	TOP 46	BOTTOM 46	DESCRIPTION, CONTENTS, ETC. 46	NAME 46	TOP 46
FORMATION 47	TOP 47	BOTTOM 47	DESCRIPTION, CONTENTS, ETC. 47	NAME 47	TOP 47
FORMATION 48	TOP 48	BOTTOM 48	DESCRIPTION, CONTENTS, ETC. 48	NAME 48	TOP 48
FORMATION 49	TOP 49	BOTTOM 49	DESCRIPTION, CONTENTS, ETC. 49	NAME 49	TOP 49
FORMATION 50	TOP 50	BOTTOM 50	DESCRIPTION, CONTENTS, ETC. 50	NAME 50	TOP 50
FORMATION 51	TOP 51	BOTTOM 51	DESCRIPTION, CONTENTS, ETC. 51	NAME 51	TOP 51
FORMATION 52	TOP 52	BOTTOM 52	DESCRIPTION, CONTENTS, ETC. 52	NAME 52	TOP 52
FORMATION 53	TOP 53	BOTTOM 53	DESCRIPTION, CONTENTS, ETC. 53	NAME 53	TOP 53
FORMATION 54	TOP 54	BOTTOM 54	DESCRIPTION, CONTENTS, ETC. 54	NAME 54	TOP 54
FORMATION 55	TOP 55	BOTTOM 55	DESCRIPTION, CONTENTS, ETC. 55	NAME 55	TOP 55
FORMATION 56					

010 A1 amo sand 2035

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Arkland shale	2154		
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Midland Coal	2396	
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9510	Captured Cliffs
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vis Shale	2576		
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