

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

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 808 - Farmington, New Mexico

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

At surface 1520 ft. from South line and 960 ft. from West line.

At top prod. interval reported below Same as above.

At total depth Same as above.

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

May 24, 1964

16. DATE T.D. REACHED

June 4, 1964

17. DATE COMPL. (Ready to prod.)

June 15, 1964

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

6085 Derrick Floor

19. ELEV. CASINGHEAD

6078 Ft.

20. TOTAL DEPTH, MD & TVD

6670

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

6642

22. IF MULTIPLE COMPL.,

HOW MANY*

Two

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0-6670

CABLE TOOLS

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

4289-4426 MD & TVD (Mesaverde)
6378-6640 MD & TVD (Dakota)25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction-Electric Log, Cement bond log, Gamma-Ray Correlation

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"	24.0#	318 Ft.	12-1/4"	250 sacks	
5-1/2"	17.0#	6670 Ft.	7-7/8"	1st stage cemented w/325 cubic ft. of cement, Stage Collar at 2150.	
cement; Stage Collar at 4656 cemented w/425 cubic ft. of cement, Stage Collar at 2150.					
Cemented w/900 cubic ft. of 104 Diesel "D" Cement.					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2" SJS	6393	6350 Dakota
1-1/4"	6411	Mesaverde

31. PERFORATION RECORD (Interval, size and number)

Mesaverde 1 shot/ft. 4289-94, 4314-29, 4344-61, 4368-73, 4396-92, 4422-10, 4444-18, 4422-26, 0.56" hole size.
Dakota 1 shot/ft. 6378-93, 6448-66, 6471-84, 6494-88, 6518-92, 6532-94, 6546-98, 6554-98, 6578-98, 6602-98, 6622-98, 6632-98.
0.61" hole size.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4289-4426	70,980 gallons water, 100,000# sd.
6378-6640	40 tons carbon dioxide, 122,094 gallons water, 85,000# sand and 40 tons Carbon Dioxide.

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
July 13, 1964	3	3/16"			536 Mesaverde		
536 psi	439 psi				5,228 Mesaverde		
					3,507 Dakota		

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

Vented

TEST WITNESSED BY

Verne Rockhold

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

SIGNED Gilbert D. Noland, Jr.

TITLE Drilling Superintendent

DATE July 22, 1964

*(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.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL INTERVAL ZONES OF POROSITY AND COMMENTS THEREON: 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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Washack	Surf.	
				Kirtland	1293	
				Fruitland	1300	
				Pictured Cliffs	2000	
				Lordsburg	2160	
				New Verde	3570	
				Mogapi	4605	
				Gallup	5475	
				Greenhorn	6000	
				Greenhorn	6135	
				Delphi	6178	