

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Southern Union Exploration Co.
3. ADDRESS OF OPERATOR
1217 Main Street, Dallas, Texas 75202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FNL and 2220' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF ☐
- FRACTURE TREAT ☐
- SHOOT OR ACIDIZE ☐
- REPAIR WELL ☐
- PULL OR ALTER CASING ☐
- MULTIPLE COMPLETE ☐
- CHANGE ZONES ☐
- ABANDON* ☐
- (other) Change of operator's name and address

5. LEASE
NM 02901

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Foster

9. WELL NO.
4

10. FIELD OR WILDCAT NAME
Basin Dakota

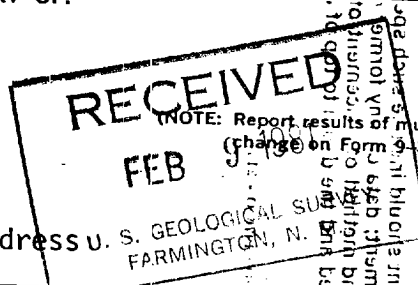
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 4, T26N, R8W, NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

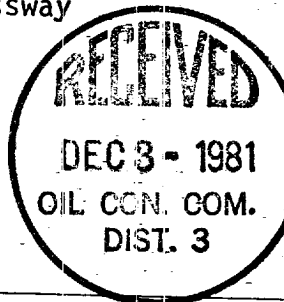
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6469' DF



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of operator's name and address, effective 12/30/80 from:

SUPRON Energy Corporation
10300 N. Central Expressway
Bldg. V, 5th Floor
Dallas, Texas 75231



Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED Ronald D. Gots TITLE Drilling & Production Eng. DATE February 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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 ☐		RECEIVED FEB 2 1965 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.	5. LEASE DESIGNATION AND SERIAL NO. S. F. 02901	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 808, FARMINGTON, NEW MEXICO			8. FARM OR LEASE NAME FOSTER	
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 1850 FT. FROM NORTH LINE & 2220 FT. FROM EAST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE		9. WELL NO. 4		10. FIELD AND POOL, OR WILDCAT CASIN DAKOTA-BLANCO MY
14. PERMIT NO.		DATE ISSUED		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 4, T-26-N, R-8-W, N.M.P.M.
15. DATE SPUDDED OCT. 15, 1964		16. DATE T.D. REACHED 11/2/64		12. COUNTY OR PARISH SAN JUAN
17. DATE COMPL. (Ready to prod.) 11/23/64		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6469 D.F.		13. STATE NEW MEXICO
20. TOTAL DEPTH, MD & TVD 7048 TVD&MD		21. PLUG, BACK T.D., MD & TVD 7007 TVD&MD		19. ELEV. CASINGHEAD 6458 FT.
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY Q-7048		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4660-4796 MD & TVD MESAVERDE 6725-6939 MD & TVD DAKOTA
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN INDUCTION - ELECTRICAL, GAMMA RAY CORRELATION, CEMENT BOND LOG		

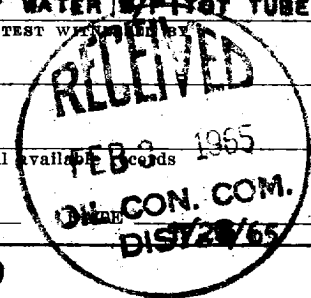
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0	305 FT.	12-1/4"	200 SACKS	
5-1/2"	17.0	7040	1ST STAGE CEMENTED W/325 CU.FT. CEMENT.		
STAGE COLLAR SET AT 5019 FT. UNDER MESAVERDE, CEMENTED W/400 CU. FT. CEMENT					
STAGE COLLAR SET AT 2549 FT. UNDER PICTURED CLIFFS. CEMENTED W/1000 CU. FT. CEMENT.					

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					1-1/4"	4750
					1-1/2"	6860
						(MESAVERDE)
						6500 (DAKOTA)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1/FT. 4660-68, 4685-89, 4693-99, 4715-22, 4725-28, 4732-36, 4751-55, 4762-66, 4769-73, 4776-82, 4792-96. 0.312" HOLE SIZE. DAKOTA PERFS: 1/FT. 6878-84, 6886-94, 6896-99, 6906-11, 6922-25, 6927-29, 6934-39. 1/FT. 6884-86, 6894-96, 6925-27. HOLE SIZE 0.50"		DEPTH INTERVAL (MD) 4660-4796 6725-6939	
		AMOUNT AND KIND OF MATERIAL USED SAND FRACED W/80,000# SAND AND 63,000 GAL WATER, 40 TONS CO₂ SAND FRACED W/100,000# SAND & 120,750 GAL WATER, 40 TONS CO₂	

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	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/27/65	3 HRS.	PITOT TUBE	→		18	MESAVERDE	
1/19/65	3 HRS.	2 1/4"	→		264	DAKOTA	
TESTING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
395	TESTED THRU CSG. →			149	TESTED 0.1" WATER W/PITOT TUBE		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WEIGHT					
VENTED							

35. LIST OF COMMENTS	
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
* (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 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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
<i>Handwritten: 1. Lower 1/2 interval</i>				WASATCH	SURFACE	
				KIRTLAND	1690	
				FRUITLAND	2190	
				LEWIS	2470	
				MESAVERDE	3990	
				POINTLOOKOUT	4660	
				MANCOS	4960	
				DAKOTA	6725	