

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐				5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract #145			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache			
2. NAME OF OPERATOR SOUTHERN UNION EXPLORATION COMPANY				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P. O. BOX 2179, FARMINGTON, NM 87499				8. FARM OR LEASE NAME Jicarilla 'K'			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 420' FSL & 1850' FEL, Unit 0 At top prod. interval reported below 420' FSL & 1850' FEL, Unit 0 At total depth 420' FSL & 1850' FEL, Unit 0				9. WELL NO. # 22A			
14. PERMIT NO. BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde			
15. DATE SPUDDED 8-24-84				16. DATE T.D. REACHED 9-1-84		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 2-T 25N-R 5W, NMPM	
17. DATE COMPL. (Ready to prod.) 11-19-84				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6697' GR		12. COUNTY OR PARISH Rio Arriba	
20. TOTAL DEPTH, MD & TVD 5560'				21. PLUG, BACK T.D., MD & TVD 5461'		13. STATE New Mexico	
22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY →		19. ELEV. CASINGHEAD 6698'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Point Lookout: 5390-5230'						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL-VDL: intervals 5461'-3700' Dual Induction: 5556'-surface; Compensated Density: intervals 5356'-2100'						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8		32.0#		315'		12 1/4	
4 1/2		11.6# & 10.5#		5558'		7 7/8	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 1/16		5432					
31. PERFORATION RECORD (Interval, size and number) Point Lookout: 1 jspf (19 shots); 5390, 5388, 5356, 5349, 5347, 5339, 5335, 5323, 5315, 5313, 5311, 5297, 5292, 5257, 5255, 5248, 5245, 5235, 5230							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
Point Lookout 5390-5230				1500 gal 15% HCL acid; Frac'd w/82,500 gal KCL water and 115,000 lb 20/40 sand/			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI, WOPLC	
DATE OF TEST 11-28-84		HOURS TESTED 3 hours		CHOKE SIZE .750		PROD'N. FOR TEST PERIOD →	
FLOW, TUBING PRESS. 66		CASING PRESSURE 298		CALCULATED 24-HOUR RATE →		OIL—BBL. -----	
						GAS—MCF. 111	
						WATER—BBL. -----	
						OIL GRAVITY-API (CORR.) -----	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Gary Hudgins	
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 Katherine J. Folk				TITLE Geologist		DATE November 29, 1984	

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

NMOCC

RV

Srm

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 ☐ gas ☒ other ☐

2. NAME OF OPERATOR
Southern Union Exploration

3. ADDRESS OF OPERATOR
P. O. BOX 2179, Farmington NM 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 420' FSL & 1850' FEL, Unit 0
AT TOP PROD. INTERVAL: 420' FSL & 1850' FEL
AT TOTAL DEPTH: 420' FSL & 1850' FEL

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) Geologic Tops

5. LEASE
Jicarilla Contract 145

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 'K'

9. WELL NO.
22-A

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 2-T 25N-R 5W, NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6697 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

See Attached Sheet:

DEC 10 1984
OIL CON. DIV.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Katherine J. Felt TITLE Geologist DATE December 7, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2232'		water	Kirtland	2600'	
Pictured Cliffs	2980'		water, gas	Pictured Cliffs	2980'	
Cliffhouse	4690'		gas	Lewis Shale	3070'	
				Chacra	3880'	
				Cliffhouse	4690'	
Point Lookout	5225'		gas	Point Lookout	5225'	
				Mancos	5452'	