

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

RECEIVED

2. NAME OF OPERATOR
Southern Union Exploration

OCT 02 1984

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

OIL CON. DIV.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1375' FSL and 2290' FEL

At top prod. interval reported below 1375' FSL and 2290' FEL

At total depth 1375' FSL and 2290' FEL

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 7-27-84 16. DATE T.D. REACHED 8-4-84 17. DATE COMPL. (Ready to prod.) 8-28-84 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 7075' GL 19. ELEV. CASINGHEAD 7076'

20. TOTAL DEPTH, MD & TVD 6110' 21. PLUG, BACK T.D., MD & TVD 6082' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-6110' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Mesa Verde: Point Lookout 5692'-5946'

Cliffhouse 5308'-5424'

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction, 0-6095'; CBL-VDL, 6076'-5000'; CNL-FDC 3750-2950, 4700-4500. WAS WELL CORED 6088-5250, No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
8 5/8	32.0	349'	12 1/2	250 sx Class B, 2% CaCl ₂
4 1/2	11.6, 10.5	6103'	7 7/8	3350' 50/50 poz, 2% gel, 6 1/2#/sk gilsonite
				8#/sk salt 4450' 65/35 poz,
				6% gel, 6 1/2#/sk gilsonite, 59' C/B

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/16 ID	6006'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5942, 5912, 5903, 5899, 5896, 5891, 5886, 5876	1000 gal 15% HCL acid 58,000 gal KCL water & 81,000 lbs. 20/40sd.
5849, 5844, 5839, 5828, 5825, 5758, 5754, 5703	1000 gal 15% HCL acid,
5696, 5692 (Pt Lookout). 1 jspt at 5424, 5420,	66,000 gal KCL water & 92,000 lbs 20/40 sd.
5413, 5411, 5400, 5397, 5371, 5364, 5360, 5354	
5341, 5339, 5336, 6331, 5328, 5321, 5313, 5308	

(Cliffhouse)

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

8-30-84

Flowing

SI, WOPLC

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

9-10-84

3 hrs

3/4"

264

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

170

750

2108

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

ACCEPTED FOR RECORD

SIGNED

Katherine J. Folk

TITLE

Geologist

SEP 14 1984

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

FARMINGTON RESOURCE AREA

FARMINGTON COPY

BY

Jmm

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of holes and leases, whether 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 filed 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: "Seals 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 POROSITY ZONES:			38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATION INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION (SEED, TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Ojo Alamo	2971		Sand, water	Kirtland	3360
Pictured Cliffs	3656		Sand	Fruitland	3560
Chacra	4575		Sand	Pictured Cliffs	3656
Cliffhouse	5306		Sand, gas	Lewis	3715
Point Lookout	5815		Sand, gas	Chacra	4575
				Cliffhouse	4600
				Point Lookout	5815
				Mancos	6008