

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
DRAWING OR PHOTOGRAPH (with 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. CESVR. ☐ Other _____

2. NAME OF OPERATOR

Sun Exploration & Production Co.

3. ADDRESS OF OPERATOR

P.O. Box 1861 Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * 1982

At surface Unit Ltr 'B' 660' FNL & 1980' FEL

At top prod. interval reported below

At total depth 5366'

14. PERMIT NO.

DATE ISSUED

3-15-82

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

15. DATE SPUNDED

4-2-82

16. DATE T.D. REACHED

4-23-82

17. DATE COMPL. (Ready to prod.)

7-21-82

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

3719.0 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5366

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

5301 5132

22. IF MULTIPLE COMPL., HOW MANY *

2 zones

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

4555-4850 Wolfcamp
4588-94

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cmt bondlog, GR

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
13-3/8	48#, 54#	316	17 1/2	320sxs	None
8-5/8	24#	1543	12 1/4	700sxs	None
5-1/2	14#, 15.5#	5366	7 7/8	1600sxs	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	4499	4492

31. PERFORATION RECORD (Interval, size and number)

4588-4594- 7 holes w/ 4" csg gun,
(5202-5225- 24 holes w/ 4" csg gun)
(CIBP 5150-5132 1 1/2 sxs cmt)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4588-4594	Acidz w/ 1000 gals 15% NEFEHCL
4588-4594	Frac w/ 7500 gals 11-40 +
	2500 gal CO ₂ + 16,000 # 20/40sd

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-4-82		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-17-82	12	21/64	→	0	770	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORE.)	
360				1440			

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

Sold

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 Dee Ann Kemp TITLE Accounting Assistant II
TEST ACCEPTED FOR RECORD
R.A. Sadler
SEP 28 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*(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: "Stacks 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 FORMER ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTER, CUSHION USED, FINE TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Glorieta	1803	3231	Sandstone, Dolomites, Sandy Dolomites	Glorieta	1803	
Tubb	3231	3907	Dolomite, thin beds shale & sand dolomites Sands, Red & Green Shales	Tubb	3231	
Abo	3907	4555	Productive Abo Sands-4262'-4288', 3922'-4200', 19F: 1870 mcf (7 hrs) on 18/64" choke	Abo	3907	
Wolfcamp	4555	4850	Dolomite, Limestone, Thin Sands, Red & Green Shales 4588'-4594', 19F 770 mcf 21/64 choke	Wolfcamp	4555	
3 Fingers	4850	5059	Limestone, Red Shales	3 Fingers	4850	
Cisco	5059	5185	Limestone, Red & Gray Shales. Productive Cisco Limestone	Cisco	5059	
Mississippian	5185	5265	Limestone, Shales, Granite Wash	Mississippian	5185	
Granite	5265	5366	Serpentine, Orthoclase, Feldspars, Quartz	Granite	5265	

38.

GEOLOGIC MARKERS