

c/SF

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

NM OIL CONS. COMMISSION SUBMIT IN DUPLICATE (See other instructions 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 [X] DRY [] Other []

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. LESVR. [] Other []

2. NAME OF OPERATOR: Sun Exploration & Production Co.

3. ADDRESS OF OPERATOR: P.O. Box 1861 Midland, Texas 79702

4. LOCATION OF WELL: At surface Unit Letter 'B', 686' 1980' FEL

At top prod. interval reported below: At total depth 5366'

14. PERMIT NO.: ROSWELL, NEW MEXICO 3-15-82

5. LEASE DESIGNATION AND SERIAL NO.: NM 022584

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Chaves 'A' Federal

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT: Pecos Slope Abo

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 21, T-7-S, R-26-E

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)*: 3907-4555 Abo

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gmt bond log, GR

27. WAS WELL CORED: No

Table with 7 columns: CASINO SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULVED

Table with 7 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION (cont on next) KCL + CO2 + 105,456 lb 20/20 sand

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO

Table with 8 columns: FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., ACCEPTED PERMIT RECORD, TEST WITNESSES

34. DISPOSITION OF GAS: Sold

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from a U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

SIGNED: Doe Am Kemp TITLE: R.A. Sadler DATE: August 7, 1982

*(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 POROSITY 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	TOP 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 Productive Abo Sands- 4200' - 4228', 3932' - 4200', 1PF: 1870 mcf (7 hrs) on 18/64" choke	Tubb	3231
Abo	3907	4555		Abo	3907
Wolfcamp	4555	4850	Dolomite, Limestone, Thin Sands, Red & Green Shales 4588'-4594', 1PF 770mcf 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

Question 32 cont..

4262-4288 Acdz w/ 2500 Gals 7½% NEHCL
Frac w/ 5000 Gals Versage1, 1200 prepad + 70,000 Gal Versage1

4194-4200 Acdz w/ 700 Gals 7½% NEFEHCL

4078-4117 Acdz w/ 1500 Gals 7½% NEFEHCL

4009-4014 Acdz w/ 700 Gals 7½% NEFEHCL

3932-3942 Acdz w/ 1000 Gals 7½% NEFEHCL

3932-4200 Frac w/ 95000 Gals Versage1 1400 + 157500 lbs 20-40 sand