

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

c/sf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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.

3

10. FIELD AND POOL, OR WILDCAT

Wildcat/Penn

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21, T-7-S, R-26-E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other

SEP 30 1982

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)

At surface 660' FWL & 660' FNL - Unit Ltr "D"

At top prod. interval reported below

At total depth 5197'

14. PERMIT NO.

DATE ISSUED

Mar. 19, 1982

15. DATE SPUDDED

4-24-82

16. DATE T.D. REACHED

5-10-82

17. DATE COMPL. (Ready to prod.)

7-7-82

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

3624' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5197

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

5159 4995

22. IF MULTIPLE COMPL., HOW MANY*

2 Zones

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Cisco Lime - 4941-5105

4966-4974

dual

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron, Gamma Ray, Dual Laterolog Micro-S L

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#	303		320 SXS	None
8-5/8	24#	1603	12 1/4	850 SXS	None
5-1/2	14# & 15.5#	5197	7-7/8	500 SXS	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACER SET (MD)
					2-3/8	4914	4914

31. PERFORATION RECORD (Interval, size and number)

Cisco Lime

5073-5108- 24 holes 4"

4966-4974- 9 holes 4"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5073-5108	Acdz w/ 2500 Gals NEFEHCL
5073-5108	Erae w/ 25000 Versagel & CO2
4966-4974	Acdz w/ 1000 gals 1% NEFEHCL

CIBP at 5025' w/ 35' cmt on top

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
6-1-82	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-6-82	3 1/2 hrs	34/64		0	980		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORR.)
620			0	6720		

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

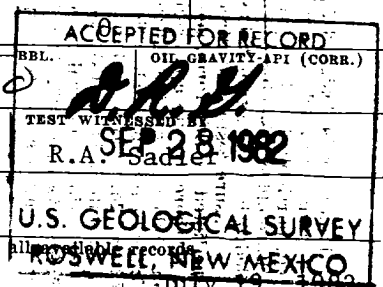
TITLE

Accounting Assistant II

DATE

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*(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) and 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
Glorieta	1670	3083	Sandstone, Dolomites, Sandy Dolomites	Glorieta	1670	
Tubb	3083	3781	Dolomite, Thin beds shale & sand dolomites	Tubb	3083	
Abo	3781	4433	Sands, Red & Green Shales Productive Abo Sands- 3956-66, 4081-86, 4133-36; 4300-4302: 1 PF:151 MCFPD on 12/64" Coke	Abo	3781	
Wolfcamp	4433	4728	Dolomite, Limestone, Thin Sands, Red & Green Shales	Wolfcamp	4433	
3 Fingers	4728	4941	Limestone, Red Shales	3 Fingers	4728	
Cisco	4941	5106	Limestone, Red & Gray Shales. Productive Cisco Limestone, 4966-74. 1PF: 980 MCFPD	Cisco	4941	
Granite	5106		34/64" Choke, Bottom Hole Reservoir Pressure 2099 Psi Serpentine, Feldspars, Orthoclase Quartz	Granite	5106	

W MEXICO OIL CONSERVATION COMM. ON
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

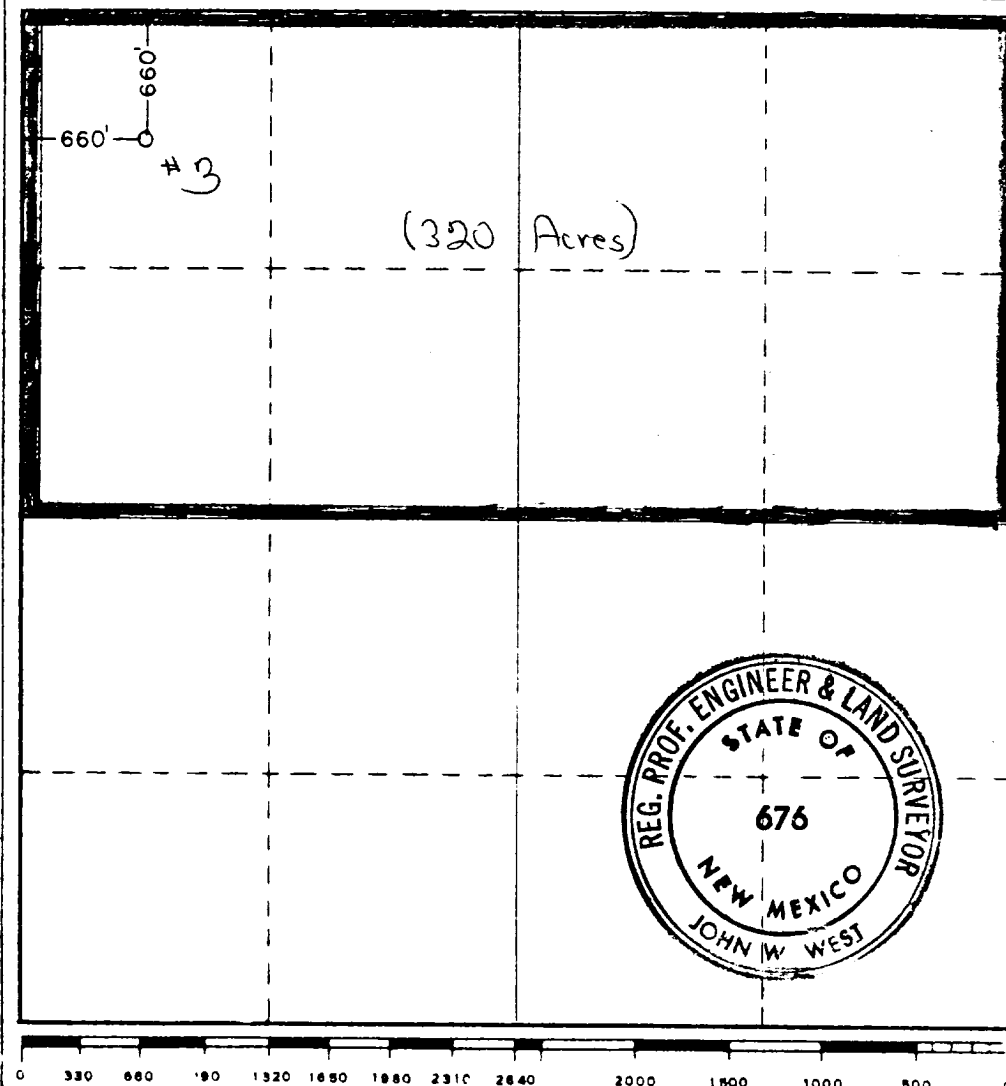
Operator Sun Exploration & Production Co.			Lease Chaves "A" Federal		Well No. 3
Unit Letter D	Section 21	Township 7 South	Range 26 East	County Chaves	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3624.0'	Producing Formation Cisne Lime	Pool Wildcat / Peru	Dedicated Acreage 320		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Dee Ann Kemp
Name
Dee Ann Kemp
Position
Accounting Asst. II
Company
Sun Exploration & Production Co.
Date
8-11-82

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Dec. 13, 1981

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239