

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

ARTESIA

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

4/5F

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.

10. FIELD AND POOL, OR WILDCAT

Pecos
Pecos Slope Abo11. 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 ☐

Other

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

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)*

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

At top prod. interval reported below

At total depth 5197'

14. PERMIT NO.

DATE ISSUED

O. C. D.

Mar. 19, 1982

15. DATE SPUNDED

4-24-82

16. DATE T.D. REACHED

5-10-82

17. DATE COMPL. (Ready to prod.)*

7-7-82

18. ELEVATIONS (DF, RKB, RT, GB, ETC.)*

3624' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5197

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

4995 5159

22. IF MULTIPLE COMPL.,
HOW MANY*

2 Zones

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

ABO 3781-4432

3956-4302

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron, Gamma Ray, Dual Laterolog, Micro SFL

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)	PACKER SET (MD)
					7-3/8	4914	4914

31. PERFORATION RECORD (Interval, size and number)

ABO Perfs, 3956-4302, 27 holes, 4"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3956-4302	Acid w/ 2750 Gals 7 1/2% NEFEHCL
3956-4302	Frac w/ 72,500 Gal Versagel & 120,000 20/40 SD

33.*

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
6-12-82	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-27-82	24	12/64	→	0	151		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
30	190	→	→	→	→		

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 the well logs and other data.

SIGNED

TITLE Accounting Assistant II

DATE July 19, 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 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
Glorietta Tubb	1670	3083	Sandstone, Dolomites, Sandy Dolomites Dolomite, thin beds shale & sand dolomites, Sands, Red & Green Shales Productive Abo Sands- (3956-66, 4081-86, 4133-36; 4300-4302: 1 PF:151 MCFPD on 12/64" choke Dolomite, Limestone, Thin Sands, Red & Green Shales Limestone, Red Shales Limestone, Red & Gray Shales. Productive Cisco Limestone 4966-74. 1PF: 980 MCFPD 34/64" Choke, Bottom Hole Reservoir Pressure 2099 Psi. Serpentine, Feldspars, Orthoclase Quartz	Glorietta Tubb	1670		
	3083	3781			3083		
Abo	3781	4433		Abo	3781		
Wolfcamp	4433	4728		Wolfcamp	4433		
3 Fingers Cisco	4728	4941		3 Fingers Cisco	4728 4941		
	4941	5106					
Granite	5106			Granite	5106		

NEW MEXICO OIL CONSERVATION COMMISSION
W LOCATION AND ACREAGE DEDICATION PLAT

Form O-1
Supersedes O-102
Effective 1-1-78

All distances must be from the outer boundaries of the Section

Operator <i>Expl. + Prod. Co.</i> Sun Oil Co.		Lease Chaves "A" Federal		Well No. 3
Section D	Section 21	Township 7 South	Range 26 East	County Chaves

Actual Well Location of Well:

660

feet from the

North

line and

660

feet from the

West

Ground Level Elev.

3624.0'

Producing Formation

ABO

Post

Undesignated ABO

Dedicated Acreage

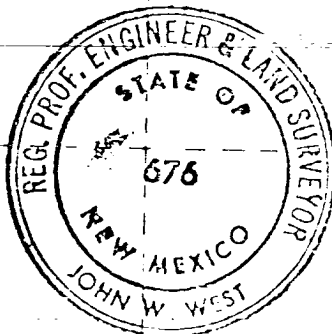
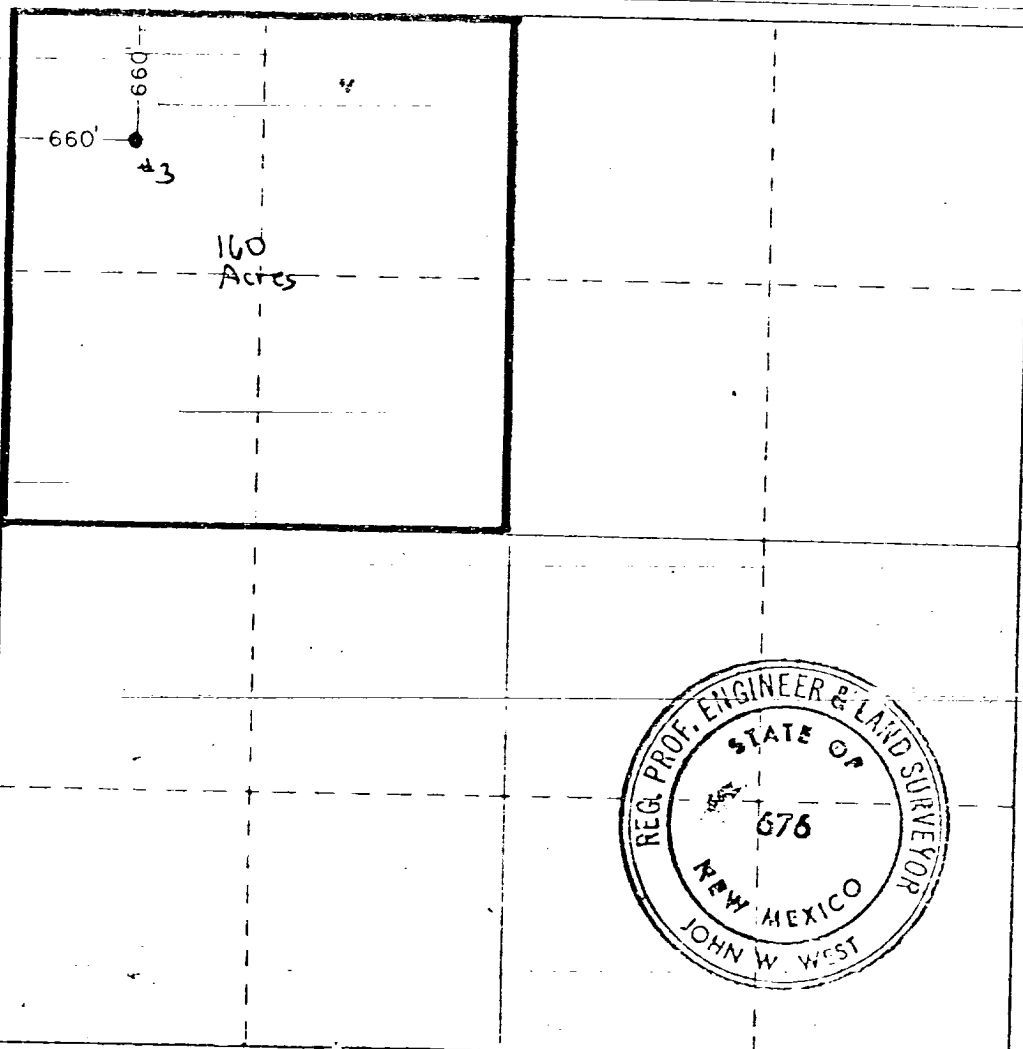
160

- 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

Dee Ann Kemp

Accounting Asst II

Sun Oil Company

Date
2-23-82

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

Witness (s): JOHN W. WEST 676
PATRICK A. ROBERTO 663
Ronald J. Edgemo 3232