

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.NEW OIL CONS. COMMISSION
DRAWER DD
ARTESIA, NM 88210

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. RESVR. ☐

2. NAME OF OPERATOR

Petroleum Exploration Company, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 809 Roswell, New Mexico 88201

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

At surface 1980' FNL & 610' FEL

At top prod. interval reported below 3691'

At total depth 3750'

14. PERMIT NO.

ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.

NM-067707

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Siete-Federal

9. WELL NO.

2-Y

10. FIELD AND POOL, OR WILDCAT

Siete-San Andres

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

Sec. 17: T-8-S, R-31-E, NMMP

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

15. DATE SPUDDED

7-20-83

16. DATE T.D. REACHED

7-29-83

17. DATE COMPL. (Ready to prod.)

8-1-83

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

4210.4 GR 4220.0 KB

19. ELEV. CASINGHEAD

4212.4

20. TOTAL DEPTH, MD & TVD

3857'

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

3814'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

0'-3857'

CABLE TOOLS

N/A

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

3691' - 3750' San Andres

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger: Compensated Neutron - Formation
Density GR - Dual Laterolog - MSFL

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
8 5/8"		1128.6'	12 1/4"	400 lite, 100sxs. C1."C" C.R.	None
4 1/2"		3850'	7 7/8"	225 sxs. 50/50 pos.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8" EUE	3659.44'	Hung

31. PERFORATION RECORD (Interval, size and number)

3691, 3692, 3705, 3706, 3707, 3710, 3714,
3718, 3721, 3725, 3726, 3727, 3728, 3729,
3732, 3735, 3738, 3740, 3741, 3742, 3746,
3750, (22 Shots)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3691' - 3750'	5000 gals. - 20% HCL Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut in)	
8-1-83		Flowing				Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-2-83	24	32/64	→	394	347.4	Trace	882-1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
150	---	→	394	347.4	Trace	26	

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

Vented

TEST WITNESSED BY

Longo

35. LIST OF ATTACHMENTS

NMOCC Forms C-124 and C-116; Copies (2) of Schlumberger Open Hole Logs,
Copy of Deviation Report.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from

SIGNED

TITLE

Vice-President

DATE August 8, 1983

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

ROSWELL, NEW MEXICO

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 23, 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 of 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:				38. GEOLOGIC MARKERS		
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				NAME	MEAN. DEPTH	TRUE VERT. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.			
San Andres Zone	3691'	3750'	Oil	Base of Salado Yates Queen San Andres Pi Marker	1714 1828 2490 2992 3582	

RECEIVED
AUG 29 1983
O.C.D.
HOBBS OFFICE

WELL NAME AND NUMBER Siete #2-Y

LOCATION Section 17, T-8-S, R-31-E Chaves County

OPERATOR Petroleum Exploration

The undersigned hereby certifies that he/she is an authorized representative of Collier Drilling Corp. and that the following information as set forth by the drillers for Collier Drilling Corp. on their Survey of Directional Drilling is true and correct to the best of his/her information and belief.

<u>DISC NO.</u>	<u>DATE</u>	<u>DEPTH</u>	<u>DRIFT</u>	<u>DRILLER</u>
<u>1</u>	<u>7/20/83</u>	<u>505'</u>	<u>1 degree</u>	<u>D. White</u>
<u>2</u>	<u>7/21/83</u>	<u>1004'</u>	<u>1 "</u>	<u>R. Turner</u>
<u>3</u>	<u>7/21/83</u>	<u>1130'</u>	<u>2 degrees</u>	<u>E. Lehr</u>
<u>4</u>	<u>7/22/83</u>	<u>1639'</u>	<u>2 "</u>	<u>B. Washburn</u>
<u>5</u>	<u>7/23/83</u>	<u>2147'</u>	<u>2 "</u>	<u>R. Turner</u>
<u>6</u>	<u>7/24/83</u>	<u>2998'</u>	<u>2 1/4 "</u>	<u>E. Lehr</u>
<u>7</u>	<u>7/26/83</u>	<u>3483'</u>	<u>2 1/4 "</u>	<u>R. Turner</u>
<u>8</u>	<u>7/28/83</u>	<u>3857'</u>	<u>1 3/4 degrees</u>	<u>R. Turner</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

By *Sherry O'Leary*
Title Secretary

Subscribed and sworn to before me this 1 day of August, 1983

Michael Hain
Notary Public

My commission expires:

12/31/85

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HOBBS OFFICE

TYPE OF REPORT - (X)

TYPE OF REPORT - (X)	
Initial Completion	
Special	
General Survey	

August 2, 1983

— 100 —

LEASE	WELL NO.	LOCATION				ELEV.	DATE TESTED	IN PROGRESS	BONE TEST DATA				SONIC INSTRUMENT TEST DATA							
		U	S	T	R				TEST	TEMP	GRAB SAMPLED PRESS.	PROD. TEST	LIQUID LEVEL	LIQUID GRAB TEMP	WT. OF LIQUID COLL.	WT. OF GAS COLL.	CSG. PRESS			
Siete Federal	2-Y	1	178-S31-E			0	8-2-83	24					394	Trace						

For positive plus or minus 100 level, all pressures were found to be clustered together against a fixed weight (water) to ensure an accuracy of one or two per cent. The determination of the positive and negative fluid pressures was made by the use of a pressure gauge.

I hereby certify that above information is true and correct to the best of my knowledge and belief.

August 2, 1983

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HOBBS OFFICE

PETROLEUM EXPLORATION COMPANY, INC.
P.O. Box 809
Roswell, New Mexico 88201

Pool

Siete (San Andres)

County

Chaves

TYPE OF TEST (X)

REGULATION (X)

LEASE NAME

WELL NO.

LOCATION

DATE OF TEST

CHOKE SIZE

T.B.G. PRESS.

DAILY ALLOW-ABLE

LENGTH OF TEST HOURS

WATER BLS.

PROD. DURING TEST

OIL BLS.

GAS M.C.F.

GAS RATIO

CU. FT. PER

Siete Federal

2-Y

1

17

8-S

31-E

8-2-83

F

32/64

150

24

Trace

26

394

347.4

882-1

During a pool test, each well shall be produced at a rate not to exceed the rate of the well being tested by more than 25 percent. Operator is encouraged to take alternate steps to prevent the well being tested from exceeding the authorized rate when authorized by the Commission.

Gas values must be reported in MCF measured at a pressure base of 14.7 psia and a temperature of 60°F. Specific Gravity must be reported.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission and one copy to the local office.

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

X. 

Assistant Engineer

August 2, 1983

DATE

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