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Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

OIL CONSERVATION DIVISION

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator Siete Oil and Gas Corporation		Well API No. 30-015-26283
Address P.O. Box 2523 Roswell, NM 88202-2523		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator		

RECEIVED

JUN 19 '90

O. C. D.  
ARTESIA, OFFICE

II. DESCRIPTION OF WELL AND LEASE

Lease Name Osage Federal	Well No. 16	Pool Name, Including Formation Parkway Bone Spring	Kind of Lease State, Federal or Fee	Lease No. NM-24160
Location				
Unit Letter J	: 2310'	Feet From The South	Line and 1750'	Feet From The East
Section 34	Township 19S	Range 29E	NMPM,	Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Conoco, Inc.	<input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) POB 1959, Midland, TX 79702				
Name of Authorized Transporter of Casinghead Gas Phillips 66 Natural Gas Co.	<input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Bartlesville, OK				
If well produces oil or liquids, give location of tanks.	Unit G	Sec. 34	Twp. 19S	Rge. 29E	Is gas actually connected? Yes	When ? 3/27/90

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 2/10/90	Date Compl. Ready to Prod. 3/28/90	Total Depth 8300'			P.B.T.D. 8256'			
Elevations (DF, RKB, RT, GR, etc.) 3320' gR	Name of Producing Formation Bone Spring		Top Oil/Gas Pay 7002'		Tubing Depth 6863'			
Perforations 7002'-7072' Bone Spring					Depth Casing Shoe 8300'			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE 26"	CASING & TUBING SIZE 20"		DEPTH SET 358'		SACKS CEMENT 400 sxs (1" to surface)			
17 1/2"	13 3/8"		1150'		800 sxs circ			
12 1/4"	8 5/8"		3200'		750 sxs (1" to surface)			
7 7/8"	5 1/2"		8300'		925 sxs			

V. TEST DATA AND REQUEST FOR ALLOWABLE 2 7/8" tbg set @ 6863'

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank 3/27/90	Date of Test 3/28/90	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24	Tubing Pressure 120	Casing Pressure 540	Choke Size 32/64"
Actual Prod. During Test 535	Oil - Bbls. 201	Water - Bbls. 334	Gas - MCF 250 (Est)

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature  
Cathy Batley-Seely, Drlg. & Prod. Tech.  
Printed Name  
6/18/90  
Date  
(505)622-2202  
Telephone No.

OIL CONSERVATION DIVISION

Date Approved JUL 3 0 1990

By ORIGINAL SIGNED BY  
MIKE WILLIAMS  
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT SUPERVISOR  
OFFICE FOR NUMBER  
OF COPIES REQUIRED

88210 (See other instructions on reverse side)

BLM Roswell District  
Modified Form No.

ND60-2160-2

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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. REVS. ☐ Other ☐  
2. NAME OF OPERATOR: Siete Oil and Gas Corporation  
3a. Area Code & Phone No.: (505) 622-2202  
3b. ADDRESS OF OPERATOR: P.O. Box 2523 Roswell, NM 88202-2523

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
At surface: 2310' FSL & 1750' FEL, NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Unit Letter J  
At top prod. interval reported below  
At total depth

9a. API Well No.: 30-015-26283  
14. PERMIT NO.:  
DATE ISSUED:

15. DATE SPUDDED: 2/10/90  
16. DATE T.D. REACHED: 2/22/90  
17. DATE COMPL. (Ready to prod.): 3/28/90  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 3320' GR  
19. ELEV. CASINGHEAD: 3335.5'

20. TOTAL DEPTH, MD & TVD: 8300'  
21. PLUG BACK T.D., MD & TVD: 8256'  
22. IF MULTIPLE COMPL., HOW MANY: N/A  
23. INTERVALS DRILLED BY: ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 7002'-7072' Bone Spring  
25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL/MSFL, CNL/LDT/GR, EPT & CBL  
27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED	
20"	94#	358'	26"	400 sxs (1" to surface)	
13 3/8"	48#	1150'	17 1/2"	800 sxs circ	
8 5/8"	24#	3200'	12 1/4"	750 sxs (1" to surface)	
5 1/2"	17#	8300'	7 7/8"	925 sxs	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	6863'	6905'

31. PERFORATION RECORD (Interval, size and number): 7002'-7072' w/15 perfs  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD): 7002-7072'  
AMOUNT AND KIND OF MATERIAL USED: 2000 gal 15% HCl, 71000 gal 25# XL, 166000# 16/30, 28000# RCS 16/30

33. PRODUCTION  
DATE FIRST PRODUCTION: 3/27/90  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing  
WELL STATUS (Producing or shut-in): Producing  
DATE OF TEST: 3/28/90  
HOURS TESTED: 24  
CHOKE SIZE: 32/64"  
PROD'N. FOR TEST PERIOD:  $\rightarrow$   
OIL—BBL.: 201  
GAS—MCF.: 250  
WATER—BBL.: 334  
GAS-OIL RATIO: 1244/1  
FLOW. TUBING PRESS.: 120  
CASING PRESSURE: 540  
CALCULATED 24-HOUR RATE:  $\rightarrow$   
OIL—BBL.: 201  
GAS—MCF.: 250  
WATER—BBL.: 334  
OIL GRAVITY-API (CORR.): 45.1

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold (Phillips 66 Natural Gas Company)  
TEST WITNESSED BY: Jim Ikard

35. LIST OF ATTACHMENTS: Deviation surveys & Openhole logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED: Cathy Butler-Snyder TITLE: Drlg. & Prod. Tech. DATE: 5/8/90

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

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.
Bone Spring	7002'	7072'	Mud log shows of oil & gas.
38. GEOLOGIC MARKERS			
NAME	TOP		TRUE VERT. DEP.
	MEAS. DEPTH		
Rustler	873'		+2447'
Yates	1319'		+20'
7-Rvrs	1730'		+15'
Delaware Sand	3410'		- 90'
Bone Spring	5638'		-2318'

WELL NAME AND NUM

Osage Federal #16

LOCATION

Section 34, T-19S, R-29E, Eddy County, New Mexico

RECEIVED

(New Mexico give U.S.T.&amp;R. - Texas give S, BLK, SURV. and TWP)

OPERATOR

Siete Oil &amp; Gas Corporation

MAY 10 11 49 AM '90

DRILLING CONTRACTOR

ZIADRIL Inc.

CA  
AREA

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>3/4</u> <u>318</u>	<u>2 1/2</u> <u>3573</u>	<u>1</u> <u>5985</u>	<u>3</u> <u>7606</u>
<u>3/4</u> <u>714</u>	<u>2 1/4</u> <u>3696</u>	<u>3/4</u> <u>6263</u>	<u>2 1/2</u> <u>7699</u>
<u>1</u> <u>891</u>	<u>2</u> <u>3881</u>	<u>4 3/4</u> <u>6477</u>	<u>2</u> <u>7791</u>
<u>2 1/2</u> <u>1150</u>	<u>2</u> <u>4004</u>	<u>4 1/2</u> <u>6509</u>	<u>1 1/2</u> <u>7883</u>
<u>1</u> <u>1271</u>	<u>1 3/4</u> <u>4126</u>	<u>1</u> <u>6602</u>	<u>3/4</u> <u>8038</u>
<u>1/4</u> <u>1763</u>	<u>1 3/4</u> <u>4282</u>	<u>1 1/4</u> <u>6632</u>	<u>1/2</u> <u>8300</u>
<u>1</u> <u>2289</u>	<u>1 3/4</u> <u>4530</u>	<u>1 3/4</u> <u>6746</u>	
<u>1 3/4</u> <u>2719</u>	<u>1 1/2</u> <u>4749</u>	<u>1 1/2</u> <u>6870</u>	
<u>3</u> <u>2998</u>	<u>1 3/4</u> <u>4963</u>	<u>1</u> <u>7053</u>	
<u>3</u> <u>3091</u>	<u>1 1/2</u> <u>5179</u>	<u>2</u> <u>7299</u>	
<u>2 1/2</u> <u>3183</u>	<u>3/4</u> <u>5427</u>	<u>2 3/4</u> <u>7423</u>	
<u>2</u> <u>3294</u>	<u>1/2</u> <u>5702</u>	<u>3 1/2</u> <u>7512</u>	

Drilling Contractor

ZIADRIL Inc.

By

Wiley Gilmore

Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this

6th

day of

March

1990

My Commission expires:

September 13, 1992Virginia G. Perry  
Notary Public

Lea County, New Mexico