

Catanach, David

From: Catanach, David
Sent: Monday, July 07, 2003 11:01 AM
To: Arrant, Bryan
Cc: Gum, Tim
Subject: Shackelford App for SWD

Bryan, I received an application for a disposal well from Shackelford for its ROG Federal No. 1 API No. 30-015-30351 located 660' FSL & 810' FEL of Section 9, T-20S, R-29E. They want to dispose of water into the Yates/Seven Rivers from 1162'-1174'. Any time I get an application for disposal or injection into the Yates/Seven Rivers, I cringe. Could you take a look at the log for this well and assure me that they will not be injecting into the Capitan Reef, and that it is safe to approve this application. If you need any additional information, let me know.

Thanks,

David

Catanach, David

From: Arrant, Bryan
Sent: Monday, July 07, 2003 12:48 PM
To: Catanach, David
Subject: RE: Shackelford App for SWD

There is a well just to the northwest in the same section called the Williamson #1 has the Capitan Reef coming in @ 1360'. The G.L. is 3278'. This is a top I picked a some time ago when we had the log.

(Please see the reef top on this well on our imaged files.)

I spoke to a geologist over at the BLM and he picks the top of reef on the Williamson #1 @ 1583'.

I tried to visually correlate the ROG well with the Williamson #1 one and it is utterly impossible as they have different scales and having and to look at them on a computer screen just magnifies the hassle even more.

I believe the depths that Don Shackelford wants to inject in is above the reef, however if I was reviewing the application, I would have him make a neat and tidy regional cross section of the Yates, Seven Rivers and Reef in this area-- to prove to us that the injection fluids goes well above the reef or not find it's way into it.

-----Original Message-----

From: Catanach, David
Sent: Monday, July 07, 2003 11:01 AM
To: Arrant, Bryan
Cc: Gum, Tim
Subject: Shackelford App for SWD

Bryan, I received an application for a disposal well from Shackelford for its ROG Federal No. 1 API No. 30-015-30351 located 660' FSL & 810' FEL of Section 9, T-20S, R-29E. They want to dispose of water into the Yates/Seven Rivers from 1162'-1174'. Any time I get an application for disposal or injection into the Yates/Seven Rivers, I cringe. Could you take a look at the log for this well and assure me that they will not be injecting into the Capitan Reef, and that it is safe to approve this application. I you need any additional information, let me know.

Thanks,

David

SHACKELFORD OIL COMPANY

P. O. Box 10665
Midland, Texas 79702

Phone (915) 682-9784
Fax (915) 684-5026

FAX 505-476-3462

TO: DAVID CATANACH
FROM: DON SHACKELFORD
DATE: July 8, 2003
RE:

David,

Enclosed ARE the following items per your request:

- 1) Copy of Affidavit of Publication
- 2) Well data of well Review Area
 - a) TXO Williamson #2 Gila
 - 13 3/8" 48" 644' cement circulated
 - 8 5/8" 24" + 32" 3210' 1900 SX cement circulated
 - b) Siete Oil and Gas #1 Gila
 - 20" 247' 570 SX circ 100 SXS.
 - 13 3/8" 48" 1115' 915 SX circ 46 SXS.
 - 8 5/8" 32" + 24" 3000' 1000 SX (1" to surface)
 - 5 1/2" 15.5" 6100' 840 SXS.
 - c) Toco LLC - TDC Federal #9
 - 9 5/8" 563' 200 SX circ. 20 SX
 - 7" 23" 1195' 126 SX TDC 300'
 - 4 1/2" 1050" 1410'

SHACKELFORD OIL COMPANY

P. O. Box 10665
Midland, Texas 79702

Phone (915) 682-9784
Fax (915) 684-5026

FAX**TO:****FROM:****DATE:****RE:**

I will call you after you have received to discuss further. We are, also, reviewing the Capital in the area.



Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Dawn Higgins

being first duly sworn, on oath says:

That she is Business Manager
of the Carlsbad Current-Argus, a newspaper published
daily at the City of Carlsbad, in said county of Eddy,
state of New Mexico and of general paid circulation in
said county; that the same is a duly qualified
newspaper under the laws of the State wherein legal
notices and advertisements may be published; that the
printed notice attached hereto was published in the
regular and entire edition of said newspaper and not in
supplement thereof on the date as follows, to wit:

May 23 , 2003
_____, 2003
_____, 2003
_____, 2003
_____, 2003
_____, 2003
_____, 2003

That the cost of publication is \$ 30.26
and that payment thereof has been made and will be
assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

29 day of May, 2003
Stephanie Dobson

My commission expires 12/13/05
Notary Public

May 23, 2003

LEGAL NOTICE:

Shackelford Oil Company, P. O. Box 10865, Midland, TX 79702, has submitted an application to inject salt water, to the New Mexico Oil Conservation Division, for the ROG Federal #1, located 660' FSL and 810' FEL of Section 8, T-20-S, R33E, Eddy County, New Mexico. We propose to inject into the Yates formation at a depth between 1162' - 1174' at a maximum injection rate of 1400 BWPD and maximum pressure of 1000 PSI. Any party interested in filing an objection or request a hearing must contact the New Mexico Oil Conservation Division in writing at 1220 St. Francis, Santa Fe, New Mexico 87504 within 15 days of this notice. For additional information contact Don Shackelford at (432) 682-9784.

Shackelford Oil Company

VI.

Well Data of Well Review Area

1. a. Texas Oil and Gas - Williamson #2 - Gila 1980' FSL and 1980' FEL - Sec. 9 T20S R29E.

Date Drilled : 4/12/74

Depth: 11,850'

Construction: 13 3/8" 48# 644' 650 sx
8 5/8" 24# & 32# 3210' 1900 sx

Plugging Report: P & A 4/28/74

Plugs: 150 sx 11,650'
50 sx 11,300'
100 sx 10,800'
50 sx 9,300'
50 sx 7,800'
50 sx 6,300'
50 sx 4,800'
50 sx 3,200'
10 sx Surface

b. J.C. Williamson & D.W. Underwood et al. - Re-entry #1 1980' FSL and 1980' FEL - Sec. 9 T20S R29E

Date Re-entered: 10/14/75

Depth: 11,672'

Construction: 13 3/8" 48# 644' 650 sx
8 5/8" 24# & 32# 3210' 1900 sx
5 1/2" 17# & 20# 11,620' 200 sx

Completion: 11,604' - 11,616' 1500 gallons 4 1/2% acid
11,539' - 11,551' 1650 gallons 4 1/2% acid
11,460' - 11,508' 2000 gallons 4 1/2% acid

12/27/76 10,921' - 10,831' from 12,000 gallons 4 1/2% acid

Plugging Report - 12/2/77

Plugs: #1 50 sx 11,690' - 11,085'

Pulled 5 1/2" casing from 9720'.

#2 9769' - 9547'
#3 9350' - 9128'
#4 6350' - 6128'
#5 4800' - 4578'
#6 3200' - 2970'
#7 20' - 0'

Installed marker

Shackelford Oil Company

c. Siete Oil & Gas - Re-entry #2 1980' FSL and 1980' FEL - Sec. 9 T20S R29E

Date re-entered: 11/6/90

Construction: 13 3/8" 48# 644'
8 5/8" 3210'

PBTD: 3177'

Completion: 3177' - 3137' Acidized 1000 gallons, Frac
1300 gallons 26,000# sand

12/20/90 - Change operations to J.C. Williamson

Plugging Report - 9/25/93

100' cement on top of old plug at 3177'

100 sx plug 644' 250 tagged.

25 sx plug at surface.

2. Siete Oil and Gas - #1 - Gila 660' FSL and 660' FL - Sec. 10 T20S R29E

Date Drilled: July 19, 1990

Total Depth: 6100' PBTD 5581'

Construction: 20" 94# 247' 570 sx
13 3/8" 48# 1115' 985 sx
8 5/8" 32# & 24# 3000' 1000 sx (1" to surface)
5 1/2" 15.50# 6100' 840 sx

Completion: 5844' - 5866' 1000 gal. Acid 19,000 gal. Gel 21,000# sand
5562' - 5580' 1000 gal. Acid 20,000 gal. Gel 42,000# sand

Re-completion: 5/93 - RBP @ 5200'

5120' - 5130' 50 gal. Acid Frac 5600 gals.

6193' repull RBP

Change of Operator - J.C. Williamson (1/18/96)

Re-completion - (4/1/03) - 4857' - 4897'

4930' - 98'

5000' - 95'

5120' - 90' Acidize 4000 gals. 30,000 gals. 75,000 # sand

3. TOCO LLC - TOG Federal #9 660' FNL and 380' FEL - Sec. 16 T20S R29E, Eddy County, N.M.

Date Drilled: 12/8/96

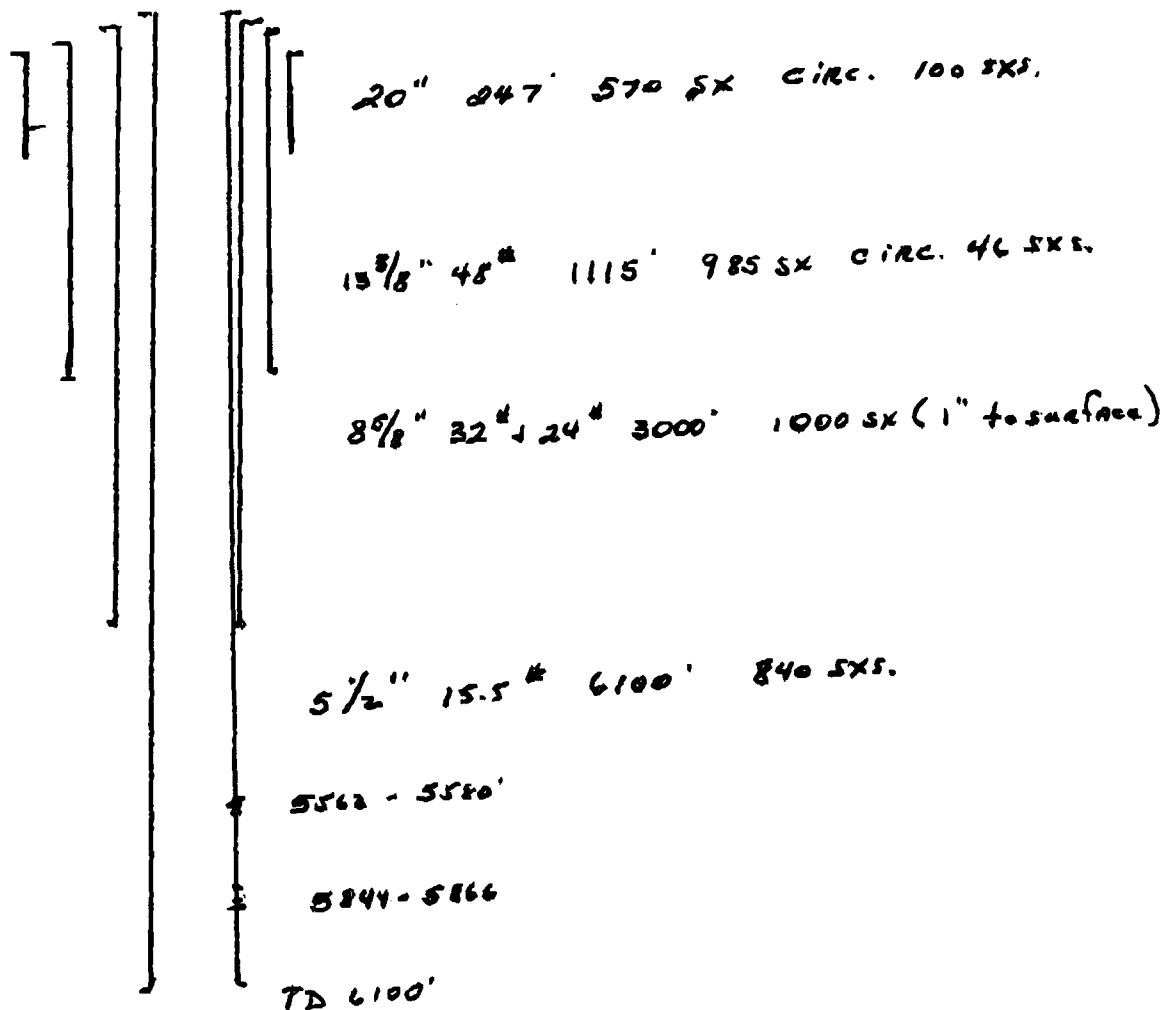
Total Depth: 1410' Cable tool

Construction: 13 3/8" 35#
9 5/8" 563' 335 sx (ready mix to top)
7" 23# 1195' 200 sx circ. 20 sx
4 1/2" 10.50# 1410' 126 sx TOC 300'

Completion: 1344' - 1362' Acidize 1000 gals. Acid
Tested water set CIBP at 1332'

Steak Oil AND Gas #1 Gila

660' FSL AND 660' FAL Sec. 10 T20S R29E



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER 101
30 COPIES REQUIRED
(New other in-
formation on
Form 3160-4)

BLM Roswell District
Modified Form 3160-4
NM-0556290

dsf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ HOT ☐ OTHER

2. TYPE OF COMPLETION: ☒ NEW WELL ☐ REPAIR ☐ REPERFORATE ☐ REGRAB ☐ REPERFORATE ☐ OTHER

3. NAME OF OPERATOR: Siete Oil and Gas Corporation

4. ADDRESS OF OPERATOR: P.O. Box 2523 Roswell, N.M. 88202-2523

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: 660' FSL & 660' FWL, SWSW, Unit Letter M
At top prod. interval reported below
At total depth: SAME

6. PERMIT NO. 30-015-26418

7. DATE ISSUED

8. FIELD AND POOL, OR WILDCAT: East Burton-Delaware

9. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 10, T20S, R29E

10. DATE STARTED: 7/4/90

11. DATE T.D. REACHED: 7/19/90

12. DATE COMPL. (Ready to prod.): 8/16/90

13. ELEVATION (SP. BAR. ST. OR, ETC.): 3286' GR

14. DEPTH CASINGHEAD: 3293' KB

15. TOTAL DEPTH, MD & TVD: 6100'

16. PLUG, BACK T.D., MD & TVD: 5581'

17. SP. MULTIPLE COMPL., HOW MANY?

18. INTERVALS DRILLED BY: X

19. ROTARY TOOLS

20. CABLE TOOLS

21. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 5562'-5580' Delaware

22. WAS DIRECTIONAL SURVEY MADE: No

23. TYPE ELECTRIC AND OTHER LOGS RUN: CBL, mud log, CNL/LDT, DLL/RXO, EPT & Volan

24. WAS WELL CORKED: No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	WELL SIZE	CEMENTING RECORD	AMOUNT PLACED
20"	94#	247'	26"	570 SXS	N/A
13 3/8"	48#	1115'	17 1/2"	985 SXS	N/A
8 5/8"	32# & 24#	3000'	12 1/2"	1000 SXS (1" to surface)	N/A
5 1/2"	15.5#	6100'	7 7/8"	840 SXS	N/A

LINER RECORD					TIMING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKER CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKED SET (MD)
					2 3/8"	5482'	5482' (SW)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5844'-5866', 9 perfs		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5562'-5580', 12 perfs		5844'-5866'	1000 gal 15% HCl, 19000 gal 30% XL
		1000#	100 mesh, 21000# 20/40, 8000# RCS
		5562'-5580'	1000 gal 15% HCl, 20000 gal 25% XL
		2000#	100 mesh, 30000# 20/40, 12000# 12/20

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—also and type of pump)				WELL STATUS (Producing or shut-in)	
8/7/90		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD. PER TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
8/19/90	24	26/64"	→	43	40 (est)	143	930/1
FLOW, VOLUME FROM	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
250	800	→	43	40 (est)	143	38.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented (Pending Delaware Contract)

35. TEST WITNESSED BY: Jim Ikard

36. LIST OF ATTACHMENTS: Openhole Logs & deviation surveys

37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Form 3100-1
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL

NM - 0556290

4. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gila Federal

9. WELL NO.

1

10. FIELD AND FOOT, OR WILDCAT

East Burton-Delaware

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

Sec:10 T20S, R29E

12. COUNTY OR PARISH 13. STATE

Eddy

N.M.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Siete Oil and Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 2523 Roswell, N.M. 88202-2523

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

660' FSL & 660' FWL SWSW Unit Letter M

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, WT, CR, etc.)

3826' GR

16

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

WELL OR ALTER CASING

MULTIPLE COMPLETION

ABANDONMENT

CHANGE PLANT

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT

(NOTE: Report results of multiple completion on Well
Completion or Recombination Report and Log form.)

17. DETAILED PRODUCTION OR COMPLETION OPERATIONS (Thoroughly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

7/5/90 L&M Rig #2 spudded 26" hole @ 11:15am 7/4, TIH w/bit #1, drl'd to 287'.
TOH w/bit #1 @ 287', RU and ran 7 jts (249') 20" 94# H-40 csg., set @
247' w/320 sxs 35/65 POZA, 6% D-20, 3% CaCl, 1/2# D-29, tail-in w/250 sxs
25/75 POZA, 3% CaCl, 1/2# D-29, PD @ 8:00am 7/5, circ. 100 sxs to pit, WOC.
Tested BOP to 1000#, held o.k., resumed drilling.

7/8/90 TD 17 1/2" hole to 1115' @ 10:15am 7/7, TOH w/bit #3 @ 1115', RU and ran 27 jts
(1138') 13 3/8" 48# H-40 csg., set at 1115' w/100 sxs 12-3 RCS, 15# colite +
635 sxs 35/65 POZ, 6% D-20, 10% D-44, 1/2# D-29, 3% CaCl, tail-in w/250 sxs
25/75 POZ, 1/2# D-29, 3% CaCl, PD @ 5:15pm 7/7, circ. 46 sxs to pit, WOC.
Tested BOP to 1000#, held o.k., resumed drilling.

AUG 2 11 16 AM '90
C&G
ARE

RECEIVED

18. I hereby certify that the foregoing is true and correct

SIGNED

Cathy Catley Kelly

TITLE Dring./Prod. Tech.

DATE 1 August 1990

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

(Formerly 9-331)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR Siete Oil and Gas Corporation

3. ADDRESS OF OPERATOR P.O. Box 2523 Roswell, N.M. 88202-2523

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
660' FSL & 660' FWL, SWSW, Unit Letter M

14. PERMIT NO. _____

15. ELEVATIONS (Show whether OP, BT, CR, etc.)
3826' GR

5. LEASE DESIGNATION AND SERIAL
NM - 0552690 055 6290

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Gila Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
East Burton-Delaware

11. SEC. T. R. M. OR BLK. AND SURVEY OR ARMA
Sec: 10 T20S, R29E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
FRACTURE TREAT	☐	FRACTURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	REPAIRING WELL	☐
(11/16/97)	☐	ALTERING CASING	☐
PULL OR ALTER CASING	☐	ABANDONMENT*	☐
MULTIPLE COMPLETE	☐		
ABANDON*	☐		
CHANGE PLANT	☐		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PREVIOUS OR COMPLETED OPERATIONS (Thoroughly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

7/11/90 TD 12 1/2" hole to 3000' @ 5:30am.

7/12/90 RU and ran 72 jts (3029') 8 5/8" 32# & 24# J-55 csg., set at 3000' w/150 sxs 12-3 RCS, 15# colite + 700 sxs 35/65 POZA, 3% CaCl, 1/2# D-29, 6% D-20, tail-in w/150 sxs HE11, 3% CaCl, 1/2# D-29, PD @ 12:30pm 7/11/90, did not circ., began one inch operations as follows: 1st stage, tagged @ 1692', cmt w/50 sxs CC w/4% CaCl @ 1692', 2nd & 3rd stage same as first stage, 4th stage, tagged @ 1691', cmt. w/50 sxs CC w/4% CaCl @ 1672', 5th stage, tagged @ 1636', cmt. w/50 sxs CC w/4% CaCl @ 1616'.

7/13/90 6th stage, tagged @ 1580', cmt. w/50 sxs CC w/4% CaCl, 7th stage, tagged @ 1485', cmt @ 1475' w/450 sxs 35/65 POZA w/6% D-20, 3% CaCl, topped out 70' to surface w/40 sxs CC w/4% CaCl, PD @ 1:15pm 7/12/90, test 80P to 1000# for 30 min. each, held o.k., started DO @ 11:30pm 7/12/90.

RECEIVED
AUG 2 11 17 AM '90
CART AREA

18. I hereby certify that the foregoing is true and correct

SIGNED Cathy Batley-Sully TITLE Dring./Prod. Tech. DATE 1 August 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

(Formerly O-331)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
State Oil and Gas Corporation

3. ADDRESS OF OPERATOR
P.O. Box 2523 Roswell, N.M. 88202-2523

4. LOCATION OF WELL (Report location clearly and to accordance with any State requirements. See also agency below.)
At surface 660' FSL & 660' FWL, SWSW, Unit Letter M

5. LEASE DENUMINATION AND SERIAL
NM - 0556290

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OR LEASE NAME
Gila Federal

9. WELL NO.
1

10. TOWNSHIP AND RANGE OR BUREAU
East Burton-Delaware

11. SEC., T., R., S., OR ALN. AND SUBST. OF ALN.
Sec: 10 T20S, R29E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

14. PERMIT NO.

15. EXPLANATIONS (Show whether BP, RT, OR, etc.)
3826' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
PRACTICE TREATMENT	☐	PRACTICE TREATMENT	☐
SHUT-IN OR ACTIVER	☐	SHOOTING OR ACTIVERING	☐
REPAIR WELL	☐	(Other) 5 1/2" casing	☒
(Other)	☐	Note: Report results of multiple completion or well completion or Recompletion Report and Log form.	

17. DESCRIBE PHASES OF COMPLETION OPERATIONS (Include all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface location and measured and true vertical depths for all markers and zones pertinent to this work.)

7/20/90 TD 7 7/8" hole to 6100' @ 6:00pm 7/19/90. RU Schlumberger, loggers TD @ 6096'.
Logs ran: CNL-LDT, EPT, DLL-MSFL.

7/21/90 RU and ran 146 jcs (6093') 15.5# 5 1/2" cag, set @ 6100' w/365 sxs 35/65 POZH,
10X D-44, 1/2# D-29, 4X D-20, tail-in w/475 sxs CC, 10X D-44, 1/2X CF2, PD @
1:30am 7/21/90, release rig @ 4:30am 7/21/90.

7/24/90 SI, waiting for completion.

RECEIVED
AUG 2 11:17 AM '90
OCT
AREA

18. I hereby certify that the foregoing is true and correct

SIGNED Cathy Batley TITLE Dring./Prod. Tech. DATE 1 August 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

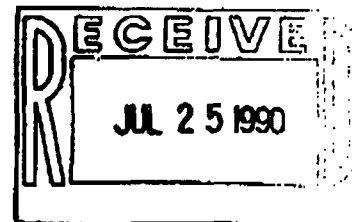
Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 470 / ARTESIA, NEW MEXICO 88210

July 24, 1990

Siete Oil and Gas
PO Box 2523
Roswell, NM 88202



Re: Gila Federal #1
660' FSL & 660' FWL
Sec. 10, T20S, R29E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
287'	1°
860'	1 1/2°
1003'	2 1/4°
1115'	2°
1601'	1/2°
2132'	1°
2600'	1 1/4°
3314'	1°
3827'	3/4°
4299'	3/4°
4800'	1/2°
5332'	3/4°
5768'	1 1/4°
6100'	1°

RECEIVED
JUL 25 11 29 AM 1990

Very truly yours,

B. N. Muncy Jr.
B. N. Muncy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 24th day of July, 1990.

Regina L. Garner
NOTARY PUBLIC



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Co-- Division
811 S. 1st
Artesia, N.M. 87002

RECEIVED

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen a well in a different reservoir.
Use "APPLICATION FOR PERMIT-TO-DRILL" for such proposals.

1997 JUL 11 A 9:20

BUREAU OF LAND MGMT.

SUBMIT IN TRIPLICATE

JUL 17 1997

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

TOCO, L.L.C.

3. Address and Telephone No.

P.O. BOX 888, HOBBS, NM 88241 505-393-2727

4. Location of Well (County, Sec., T., R., M., or Survey Description)

660' FNL & 330' FEL
SEC. 16, T20S, R29E

5. Lease Designation and Serial No.

0554771

6. Well Name, Location or Well Name

8. Well Name and No.

TOG FEDERAL #9

9. API Well No.

30-015-29040

10. Field and Pool, or Exploratory Area

BURTON DELAWARE, EAST

11. County or Parish, State

EDDY CO., NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Decommission
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other DAILY DRILLING RPTS

- ☐ Change of Plans
☐ New Construction
☐ Non-Standard Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Disposal Water

(Note: Report number of multiple completions on Well Completion or Decommission Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give precise dates, including estimated date of starting any proposed work. If well is directionally drilled, give estimated locations and measured and true vertical depths for all sections and zones pertinent to this work.)

5/1/97 MIRU CABLE TOOL RIG
5/3/97 DRD CMT TO 1070'
5/4/97 DRD CMT TO RUBBER PLUG @ 1073
5/6/97 DROP GLASS IN WELL TO CUT RUBBER, DRD CMT TO 1407'
5/29/97 RAN ELECTRIC LOGS
5/30/97 RAN 1410' 11.60# 4 1/2" CSG. CMT W/126 SX CMT
6/2/97 PERF 8 JSPP FROM 1344'-62'. LOAD WELL W/10% ACETIC ACID. SWI W/SLIGHT VACUUM
6/3/97 SWABBED WELL DRY. RIG DOWN
6/5/97 MIRU. WELL HAD 125 PSI WHEN OPENED. SWABBED BACK SPENT ACID WTR. NO OILS SHOWS. SWABBED DOWN TO 100' FROM TD. RIGGED UP AND DISPLACED WELL W/15% NEPE. SHUT WELL IN 5 MIN. OPENED & PUMPED 1/2 BBL ACID & CON'T UNTIL 1000 GAL. ACID PMPD. FLUSHED TBG W/5BBL FRESH WTR. CLOSE WELL & PRESS UP ON TBG TO 250 PSI, BLED OFF. FLUSHED TBG, THEN REVERSED LINES & FLUSHED CSG W/7BBL. FRESH WTR.
6/7/97 INITIAL FLUID LEVEL @600' FS. 50 PSI ON TBG & CSG. TRID W/1000 GAL. NEPE. INITIAL PRESSURE 360 PSI BLED DOWN TO 260 PSI WHILE PUMPING ACID @ 1.5 BPM. FLUSHED ACID FROM TBG & CSG W/ FRESH WATER. FLOWED & SWABBED BACK 10-12 BBLs. LOAD.
6/8/97 100 PSI ON TBG & CSG. INITIAL FLUID LEVEL 100' FS. SWABBED DOWN & WAITED 1 HR. 800' FLUID ENTRY IN ONE HR. CONT'D SWAB TESTING W/ 800' PER HOUR ENTRY.

Cont'd next pg.

14. I hereby certify that the foregoing is true and correct

Signed David E. Glass
(This space for Printed or State office use)

Approved by _____
Conditions of approval, if any:

MANAGER-OIL REPORTS & GAS SERVICES, INC.

Title AGENT FOR TOCO, L.L.C.

Date 7/10/97

Title

ACCEPTED FOR FILING
(ORIG. SCD) DAVID E. GLASS
JUL 13 1997

JUL 13 1957

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any agency or person any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

TOCD LLC - TOG Federal #9
660' FNL AND 380' FEL - Sec. 16 T20S R29E

9578" 563' 335sx (ready mix to top)
7' 23# 1195' 200sx. CIRC. 20 sx.
4 1/2" 10.50# 1410' 126sx TOC 300'
TD 1410'

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	5844'	5866'	Mud log shows of oil and gas.	Rustler	386'	+2900'
Delaware	5562'	5580'	Mud log shows of oil and gas.	T/Salt	520'	+2766'
				B/Salt	1100'	+2186'
				Yates	1180'	+2106'
				7-Rvrs	1450'	+1836'
				Delaware Sd	3185'	+ 101'
				Bone Spring	5883'	-2597'

This report was prepared and attached information is complete and correct as determined from all available records

Form 9-221
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP. (TH)
(Other instructions on reverse side)Form approved.
Budget Bureau No. 49-21424.

5. LEASE DESIGNATION AND SERIAL NO.

0556290

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐		RECEIVED		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Texas Oil & Gas Corp. ✓		MAY 22 1974		8. NAME OF LEASE NAME Williamson Federal
3. ADDRESS OF OPERATOR P. O. Box 591, Midland, Texas 79701		D. C. C.		9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FS & EL		ARTERIA, OFFICE		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO.		15. ELEVATIONS (Show whether op, wt, or, etc.) 3280.7 GL		11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA Sec. 9-205-29E
				12. COUNTY OR PARISH Eddy
				13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTERRUPTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	FULL OR ALTER CASING ☐	WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

3-12-74: Ran 8 5/8" csg to 3210', cmtd w/1900 sx. Cmt circ.

3-23-74: Tstd yellow jacket BOP, chokes, etc., to 4000# - OK

18. I hereby certify that the foregoing is true and correct

SIGNED

J. R. Carter TITLE Staff Engineer

DATE 5-2-74

Siete Oil and Gas #1 C:1n
660' FSL AND 660' FAL SEC. 10 T205 R29E

05/20/2003 10:32 5053362586

SHACKELFORD

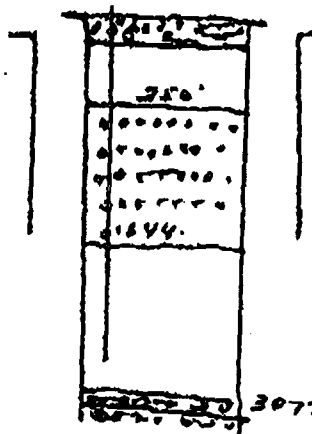
PAGE 01

Wellbore Schematic of

Williamson #2 Gila

1980 FSL & 1980 FEL Sec. 9 T20S R29E

Plugged 9/93



13 3/8" 48# 644' elec.

8 5/8" 24# + 32# Circ. cmf.

3210'

3077' 3177'