



SIETE OIL & GAS CORPORATION

Petroleum Building Suite 200
P.O. Box 2523 Roswell, New Mexico 88202
Telephone (505) 622-2202

TELECOPY

TO: Mike Stogner.

FROM: Robert Bell

200 WEST FIRST STREET #200
P. O. Box 2523
ROSWELL, NM 88201
(505) 622-2202

FAX #(505) 622-2297

DATE: 4/16/90.

SUBJECT: Scottsdale Waterflood

NO. PAGES (INCLUDING COVER): 3

Mike,

These are the wells that I thought the TOC may be critical. On two wells, the Henkle B-8 operated by Westall-Missir (W-M) and Henkle B-8 operated by Meridian (Mer), the perfs are above the calculated cement tops, so either they squeezed cement or I'm wrong in the voidage.

As I stated in the testimony I plan to initially inject into the Scottdale #2 at 3640-3705. If this is successful I'll open up the Scottdale #1 from 2450 to 2550 and raise my packer up above the equivalent zone in the Scottdale #2.

If you need anything else, please call.
Robert Lee.

kOGd@B

SCOTTSDALE WATERFLOOD

WELL	TD	HOLE SIZE	TOP OF CEMENT		TOP OF CEMENT	
			CASING SIZE	SACKS OF CEMENT		
LITTLEFIELD #12	3460	7.875	4.5	325	2173	
LITTLEFIELD #13	3450	7.875	5.5	450	1074	
LITTLEFIELD #14	3436	7.875	4.5	450	1654	
LITTLEFIELD #AB-2	5300	7.875	5.5	2200	0	
KEOHANE #2	4000	7.875	5.5	300	2416	
GREENWOOD D-1*	4900	12.75	9.625	2200	0	
X HINKLE B-8(W-M)	5188	7.875	4.5	170	3493	Perfs 3358-816
X HINKLE F-3	3976	7.875	5.5	100	3448	
HINKLE HINKLE B-20*	4300	7.875	4.5	2000	0	
HINKLE F-11	4240	7.875	5.5	1800	0	
HINKLE B-8 (MER)	5188	7.875	4.5	170	4515	Perfs 3712-3928

*NOT AREA OF REVIEW

1. ASSUME CEMENT VOLUME= 1.2 CU. FT. PER SACK

HOLE	CASING	ANNULAR VOLUME		VOLUME ESTIMATE
		FT/CUFT	SAFETY FACTOR	
7.875	4.5	4.4	0.75	3.3
7.875	5.5	5.8	0.75	4.4
12.75	9.625	2.6	0.75	2

TOP OF CEMENT CALCULATION

TOC=TD- [(SACKS*1.2)*VOL.EST.]

kOGd@B

N. M. O. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
 Budget Bureau No. 42-20842

1. LEASE IDENTIFICATION AND SERIAL NO.
LC 029392 B

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

3. TYPE OF WELL: OIL ☒ GAS ☐ HOT ☐ Other _____

4. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REGR. ☐ Other _____

5. NAME OF OPERATOR

WESTALL - MASK

6. ADDRESS OF OPERATOR

Drawer 1477, Roswell NM 88201

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

At surface **330' from North line and 330' from West line**

At top prod. interval reported below

At total depth

8. FIRST ASSIGNMENT NAME

9. FARM OR LEASE NAME

Hinkle B Federal

10. WELL NO.

8

11. FIELD AND POOL, OR WILDCAT

Shugart

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

26 - 18 S 31 E

13. PERMIT NO.

DATE ISSUED

not appl

14. COUNTY OR PARISH

Eddy

15. STATE

New Mexico

16. DATE OPENED

3/26/76

17. DATE T.D. REACHED

5/1/76

18. DATE COMPL. (Ready to prod.)

5/21/76

19. ELEVATIONS (OF, AER., RT., OR, ETC.)*

3646 gr

20. ELEV. CASINGHEAD

21. TOTAL DEPTH, MD & TVD

4035

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

PB 3700

23. IF MULTIPLE COMPL., HOW MANY*

1

24. INTERVALS

3700-3701

25. ROTARY TOOLS

X

26. CABLE TOOLS

yes

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

Queen 3280-3652

28. WAS DIRECTIONAL SURVEY MADE

yes

29. TYPE ELECTRIC AND OTHER LOGS RUN

GAMMA RAY NEUTRON

30. WAS WELL CORRED

no

31. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPT. H SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT FULLED
8 5/8	20#	650	11	300 sacks	
4 1/2	9.5 #	4035	7 7/8	250	

32. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

33. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 EUE	3980	none

34. PERFORATION RECORD (Interval, size and number)

**3280-3652 (9 holes)
 3628-3652 (10 holes)**

35. ACID, SHOT, FRACTURE, CEMENT SHAKER, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3998-4014	(12 Holes) 1000 gal 15% ds
3756-4018	(30 Holes) 40,000 gal water
3280-3286	(3 Holes) 55,000 # 20/40 ss
3370-3410	(11 Holes) 12 bbls acid

36. PRODUCTION 60,000 gal water, 60,000 # 20/40 sand

37. DATE FIRST PRODUCTION

5/20/76

38. PRODUCTION METHOD (Flowing, gas lift, pumping—also and type of pump)

pump 2 x 1 1/2 x 10

39. WELL STATUS (Producing or shut-in)

producing

40. TIME OF TEST

5/20/76

41. HOURS TESTED

24

42. CROSS AREA

25

43. PROD'N. FOR TEST PERIOD

25

44. OIL—BBL.

25

45. GAS—MCF.

tstm

46. WATER—BBL.

4

47. GAS-OIL RATIO

4

48. PLUG, TUBING PRESS.

25

49. CASING PRESSURE

25

50. CALCULATED 24-HOUR RATE

25

51. OIL—BBL.

25

52. GAS—MCF.

tstm

53. WATER—BBL.

4

54. OIL GRAVITY-API (CORR.)

4

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

56. LIST OF ATTACHMENTS

2 GAMMA RAY NEUTRON LOGS

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

SIGNED

Jack Mask

TITLE

**U.S. GEOLOGICAL SURVEY
 ALBUQUERQUE, NEW MEXICO**

DATE

5/24/76

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

**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL a. TYPE OF COMPLETION: New Well ☒ Re-completion ☐ b. WELL TYPE: ☒ PROD. ☐ INJ. ☐ OTHER ☐		2. NAME OF OPERATOR Vallejo		3. FIELD AND POOL, OR WELLS Shagart	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 990 ft. from North and 1900 ft. from West At top prod. interval reported below At total depth		5. WELL NO. 3		6. COUNTY OR PARISH San Diego	
7. DATE COMPLETED 5/20/65		8. DATE ISSUED 5/29/65		9. COUNTY OR PARISH San Diego	
10. DATE COMPLETED 5/20/65		11. DATE COMPLETED 5/20/65		12. DATE COMPLETED 5/20/65	
13. TOTAL DEPTH, IN FEET 3974		14. TOTAL DEPTH, IN FEET 3974		15. TOTAL DEPTH, IN FEET 3974	
16. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3908-3926		17. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3908-3926		18. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3908-3926	
19. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray		20. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray		21. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray	
22. CASING RECORD (Report all strings set in well)					
SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	SOLE SUB	AMOUNT SET	
8 5/8"		870			
5 1/2"		3974			
23. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	
24. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2"	3900				
25. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
		60,000 lbs sand			
		1250 bbls oil			
26. PRODUCTION					
DATE FIRST PRODUCTION 5/1/65		PRODUCTION METHOD (Flowing, gas lift, pumping—also and type of pump) Pump		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5/1/65	SOURCE TESTED	ORIG. SIZE	PROD. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
				530 bbls	
72-HR. FLOW RATE	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
27. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
28. TEST WITNESSED BY					
29. NAME OF OPERATOR Phillips Petroleum Co.					
30. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>[Signature]</i>		TITLE AGENT		DATE 5/20/65	

RECEIVED
SEP 28 1965
GEOLOGICAL SURVEY
NEW MEXICO

ILLEGIBLE

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

STREET IN TRIPLICATE
(Other instructions on reverse side)

LC 029392 B
APR 11 1980

SUNDRY NOTICES AND REPORTS ON WELLS

For surface work, use Form 9-331 or 9-332 or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for each proposal.

1. ☐ **NOTICE OF INTENTION TO:**
2. ☐ **OTHER:**

3. **OWNER'S NAME:**
Southern Royalty Company

4. **ADDRESS OF OFFICE:**
1100 Wall Street West, Midland, Texas 79701

5. **LOCATION OF WELL (Show location clearly and in accordance with any State requirements. See also notes on back.)**
At surface

6. **UNIT:**
Unit "C"-990' FML & 1980' FML, Sec. 27, T-18-S, R-31-E

7. **PERMIT NO.:**
3640 Gr

8. **FARM OR LEASE NAME:**
Hinkley "F"

9. **WELL NO.:**
3

10. **FIELD AND POOL, OR WILDCAT:**
Shugart (Y. SR. O. G.)

11. **SEC., T., R., M., OR S.E.C. AND SURVEY OR AREA:**
Sec. 27, T-18-S, R-31-E

12. **COUNTY OR PARISH:**
Eddy

13. **STATE:**
N.M.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
☐ TEST WELL SHUT-OFF	☐ PULL OR ALTER Casing	☐ WATER SHUT-OFF	☐ REPAIRING WELL
☐ FRACTURE TREATMENT	☐ MULTIPLE COMPLETION	☐ FRACTURE TREATMENT	☐ ALTERING Casing
☐ SHOOT OR ACIDIZE	☐ ABANDON*	☐ SMOOTHER OR ACIDIZING	☐ ABANDONMENT*
☐ REPAIR WELL	☐ CHANGE PLANS	☐ (Other)	☐ (Other)

17. **DESCRIPTION OF WORK 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 depth for all markers and zones pertinent to this work.)**

Work never done, cancel Form 9-331 dated 1/30/78

[Faint circular stamp]

**RECEIVED
APR 11 1980
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

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

SIGNED Donald R. Cray TITLE District Production Engineer DATE 4/9/80

(This space for Federal or State office use)

APPROVED BY GEORGE H. STEWART TITLE CLERK DATE APR 1980

COMMISSION OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ILLEGIBLE

NOTICE AND REPORTS ON WELLS

Section of Wells (Report location, name, and is accompanied with any State requirements.)

1. NAME OF WELL: **MAIN**

2. DATE OF LAST TEST: **March 7**

3. WELL NO: **9**

4. FIELD AND WELL, OR OTHER IDENTIFICATION: **Shugart**

5. SURVEY OR AREA: **27-148-312**

6. COUNTY OF PLANT: **El Paso**

7. COMMENTS (Show whether on, so, or etc.):

8. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTEREST TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	FULL OR ALTER CASING	☐
FRACURE TREATMENT	☐	MULTIPLE COMPLETS	☐
SHOOT OR ACIDISE	☐	ABANDON*	☐
EXPANSE WELL	☐	LOWERING PLANE	☐
(Other)	☐		

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

9. Describe in detail all 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 some pertinent to this work.)

On 5/28 we ran 870' of 8 5/8" casing and cemented with 30 sacks of cement.

On 7/14 we ran 3671' of 5 1/2" casing and cemented with 150 sacks of cement.

After running each string we shut down 72 hours and tested.

Found water shut off.

RECEIVED

OCT 1 1965

O. C. C.

ARTESIA, OFFICE

RECEIVED

SEP 28 1965

U. S. GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

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

SIGNED: *[Signature]* TITLE: **Agent** DATE: **9/28/65**

(This space for Federal or State office use)

APPROVED: **APPROVED** TITLE: DATE:

SEP 30 1965

[Signature]

U. S. GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

*See instructions on Reverse Side

ILLEGIBLE

PADILLA & SNYDER

ATTORNEYS AT LAW
200 W. MARCY, SUITE 212
P.O. BOX 2523

SANTA FE, NEW MEXICO 87504-2523

(505) 988-7577

ERNEST L. PADILLA
MARY JO SNYDER

FAX 988-7592
AREA CODE 505

February 27, 1990

RECEIVED

FEB 27 1990

OIL CONSERVATION DIV.
SANTA FE

HAND-DELIVERED

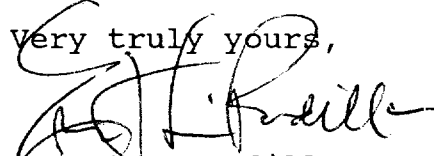
William J. LeMay, Director
Oil Conservation Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Re: In the Matter of the Application
of Siete Oil & Gas Corporation for
Waterflood Project, Scottsdale Federal
Well No. 2, Eddy County, New Mexico

Dear Mr. LeMay:

Enclosed for filing, in triplicate, please find the above-referenced Application. We request a hearing before the Oil Conservation Division at its next scheduled hearing date of March 21, 1990.

Very truly yours,



Ernest L. Padilla

ELP:pmc

Enclosures as stated

cc (w/enclosures): Siete Oil & Gas Corporation

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

July 22, 1991

PADILLA & SYNDER
Attorneys at Law
P. O. Box 2523
Santa Fe, New Mexico 87504

RE: CASE NO. 9896
ORDER NO. R-9547

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Sincerely,

A handwritten signature in cursive script that reads "Florene Davidson".

Florene Davidson
OC Staff Specialist

FD/sl

cc: BLM Carlsbad Office