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Form C-105
Revised 11-1-58

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: OG-4886

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name: ------

8. Farm or Lease Name: Wainoco State

2. Name of Operator: Read & Stevens, Inc.

9. Well No.: 1

3. Address of Operator: P.O. Box 2126, Roswell, New Mexico 88201

10. Field and Pool, or Wildcat: Quail Queen

4. Location of Well

UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM

THE East LINE OF SEC. 11 TWP. 19-S RGE. 34-E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
3-25-78	4-16-78	5-31-78	3973' GR-3983' RKB	3973'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
5380'	----	----	→	0'-5380'	None

24. Producing Interval(s), of this completion — Top, Bottom, Name

4982'-4986', 4988'-4992' and 5034'-5038' Queen sand

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run

GR-CN-CDL & DLL-Mll-GR

27. Was Well Cored: yes

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	30'	18"	2 yards ready mix	None
8 5/8"	24#	1898'	11"	575 sx.-circulated	None
4½"	10.5# & 11.6#	5380'	7 7/8"	550 sx.	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	5031' RKB	5000' RKB Seating nipple

31. Perforation Record (Interval, size and number)

4982'-4986' w/8 (½") shots
4988'-4992' w/8 (½") shots
5034'-5038' w/8 (½") shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4982'-5038'(OA)	1000 gals. 15% NE acid
4982'-5038'(OA)	20,000 gals. gelled water and 24,000# 20/40 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
4-23-78	Pumping 2"x1½"x16' RWBC Harbison-Fischer	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
5-31-78	24	---		40	20	None	500-1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
----	----		40	20	None	33°

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Used for fuel

Test Witnessed By: Dan Lough

35. List of Attachments

2 copies of logs, core descriptions & inclination survey.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED John R. Anderson Jr. TITLE Agent DATE 6-1-78

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electric and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. This form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	1852' (+2131)	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1975' (+2008)	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	3295' (+688)	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3560' (+423)	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen	4715' (-732)	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T		T Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 4982' to 4986' oil sand No. 4, from ..... to .....

No. 2, from 4988' to 4992' oil sand No. 5, from ..... to .....

No. 3, from 5034' to 5038' oil sand No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 4715' to 4786' feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1852'	1852'	Red beds				
1852'	1975'	123'	Anhy.				
1975'	3295'	1320'	Salt				
3295'	3560'	265'	Anhy. & dolomite				
3560'	4715'	1155'	Anhy., dolo., sand & shale				
4715'	5380'	665'	Sand, dolo., anhy. & shale				

READ & STEVENS, INC. #1 Wainoco State

SCHEDULE

CORES

See attached core descriptions on conventional cores taken in this well.

DRILL STEM TESTS

There were no drill stem tests taken in this well.

George R. Reddy

Consulting Geologist

Bus. (505) 623-6233
Res. (505) 623-3767

200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
No. 1 Wainoco State
660' FNL & 1980' FEL Sec. 11, T 19S, R 34E

Core No. 1 4724-74 (50')

4724-25	Anhy, gray, whi, CX massive, Dns, N.S.
26	Dolo, gray, FX, sandy, Anhy, Dns, N.S.
27	Dolo, AA, N.S.
28	Anhy, whi, gray, v/sandy, w/F-MG R Qtz SS
29	Anhy, AA, N.S.
30	SS, gray, MG, A-SR, Glauc, Dolo, clean but tightly cmtd w/anhy, N.S.
31	SS, AA, soaks acid w/fair perm, N.S.
32	SS, AA, more friable, N.S.
33	SS, lt gray, F-MG, A-SR, V/Dns w/anhy, matrix, N.S.
34	Anhy, whi, lt gray, Dns, Sdy, N.S.
35	Anhy, AA, N.S.
36	SS, lt gray, F-MG, A-SR, Anhy matrix, N.S.
37	SS, AA, N.S.
38	SS, buff, AA, fair porosity & perm, glauc, N.S.
39	SS, AA, Dolo cmt.
40	SS, lt. gray, AA, N.S.
41	SS, tan, AA, N.S.
42	SS, tan & gray, AA
43	SS, tan, MG, A-SR, Dolo & Anhy cmt, N.S.
44	SS, lt. gray, MG, AA, N.S.
45	SS, AA, N.S.
46	SS, AA, N.S.
47	SS, AA, N.S.
48	SS, AA, more Dns w/anhy matrix & Dolo cmt, N.S.
49	SS, AA, N.S.
50	SS, AA, N.S.
51	SS, AA, glauconitic, Dns, N.S.
52	Anhy, gray, very sandy, glauc., Dns, N.S.
53	Anhy, AA, N.S.
54	SS, lt gray, F-MG, A-SR, glauc. anhy & Dolo cmt, N.S.
55	SS, AA, w/fair porosity & perm, N.S.
56	SS, AA, N.S.
57	SS, AA, w/abdt. dark mineral, N.S.
58	SS, AA, N.S.
59	SS, reddish brown, FG, SA-SR, Dns w/Anhy & Dolo cmt, N.S.
60	SS, AA, N.S.
61	SS, AA, w/anhy nodules in part, N.S.

Read & Stevens, Inc.
No. 1 Wainoco State
Core No. 1, page 2

4761-62	Anhy, whi & brown, sdy, Dns, N.S.
63	Anhy, amber, VCX, massive, N.S.
64	SS, gray, VFG-FG, SR-SA, Dolo. cmt, N.S.
65	Anhy, gray, Dns, massive, sdy in part, N.S
66	Anhy, AA
67	Anhy, AA
68	Dolo, tan-gray, micro-VFX, V/Dns, N.S.
69	Dolo, AA
70	Dolo, gray, Dns, V/sdy, w/F-MG, SR SS, N.S.
71	SS, gray, F-MG, SR, w/Anhy & Dolo, Dns, N.S.
72	Dolo, mottled Dk & lt gray, VFX, sdy, carbonaceous, silty, N.S.
73	Siltstone, gray, carbon, Dolo, Anhy, N.S.
74	Shale, Dk gray, silty, Dolo, N.S.

George R. Reddy

Consulting Geologist

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200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
No. 1 Wainoco State
660' FNL & 1980' FEL Sec. 11, T 19S, R 34E

Core No. 2 4981-5025 (44')

4981-82	SS, gray, MG, SR-SA, V/clean, well srtd, friable, light brn oil stain, solid yel. fluor, good odor
83	SS, AA, w/anhy matrix, tighter, lt. brn stain, scattered fluor, odor
84	SS, gray, VF-FG, A-SR, Dolo & Anhy cmt, argill, tight, N.S.
85	SS, gray, F-MG, A-R, V Dolo & Anhy, N.S.
86	SS, gray, F-MG, SA-R, Dolo & Anhy cmt, looks tight, has lt brn solid stain & yel fluor
87	SS, gray, MG, SR-SA, Dolo & Anhy cmt, fair porosity, lt brn solid stain and dull yel fluor, odor
88	SS, AA, but more porous w/better staining & fluor, odor
89	SS, AA, " " " " " "
90	SS, lt. gray, FG, SR-R, Dolo. cmt, argill, N.S.
91	SS, lt. gray, MG, SR-SA, Dolo & Anhy, cmt, N.S.
92	SS, AA, lamin w/dk gray shale, N.S.
93	SS, AA, N.S.
94	SS, lt. gray, MG-SR-R, clean, Dolo cmt, Porous, N.S.
95	Dolo, med gray, micro X, stylolitic, Dns, N.S.
96	SS, brn-gray, VFG-FG, R-SR, Dolo & Anhy cmt, fair porosity, N.S.
97	Anhy, gray, Dns, sdy, N.S.
98	Anhy, AA, lamin w/dk gray shale, N.S.
99	Anhy, AA, Dolo, N.S.
5000	SS, gray, FG, SR, Dolo & Anhy cmt, sli porous, N.S.
01	SS, gray, VFG, AA, N.S.
02	SS, AA, v/tight, N.S.
03	SS, AA, v/tight, N.S.
04	SS, AA, lamin w/dk gray shale, N.S.
05	SS, AA, " " " "
06	SS, AA, " " " "
07	SS, AA, " " " "
08	Sh, Dk gray
09	Dolo, lt gray, micro-VFX, w/anhy, nodules, N.S.
10	Dolo, AA, N.S.
11	Dolo, AA, N.S.
12	Sh, Dk gray-blk, N.S.
13	Dolo, gray, Micro-VFX, Dns, N.S.
14	Dolo, AA, N.S.
15	Sh, Dk gray-blk, N.S.

Read & Stevens, Inc.
No. 1 Wainoco
Core No. 2, page 2

5015-16 Dolo, Brn-tan, MX, sdy, N.S.
17 SS, lt gray, FG, SR, Dolo & Anhy, cmt, tight, N.S.
18 SS, AA, N.S.
19 Dolo, Brn-gray, F-MX, Dns, lamin w/Dk gray-blk shale, N.S.
20 SS, lt gray, F-MG, SR-R, Dolo & Anhy cmt, N.S.
21 Dolo, tan, micro-VFX matrix, w/scattered CX Rhombs, Dns, N.S.
22 Dolo, tan-gray, VFX, Dns, lamin w/dk gray shale, N.S.
23 Anhy, clr-whi, Dns, CX, N.S.
24 Dolo, dk gray VFX w/anhy nodules, Dns, N.S.
25 Dolo, AA

George R. Reddy

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Read & Stevens, Inc.
No. 1 Wainoco State
660' FNL & 1980' FEL Sec. 11, T 19S, R 34E

Core No. 3 5025-5085 (60')

5025-26	Dolo, Brown-gray, F-CX, Dns, N.S.
27	Dolo, gray, VFX, Dns, N.S.
28	Dolo, tan, CG oolite grainstone, w/Anhy nodule, N.S.
29	Dolo, tan, oolites AA, N.S.
30	Dolo, gray, oolites AA, sandy, N.S.
31	Shale, dark gray, N.S.
32	SS, lt gray, F-MG, A-SR, Dolo cmt, irregular lt. oil stain & Brt yel fluor, odor
33	SS, AA, cleaner, friable, oil saturated, good odor
34	SS, AA, sli tighter than 5033, fair stain, fluor & odor
35	SS, AA, v/tight w/Anhy & Dolo cmt, scattered stain & fluor, sli odor
36	Dolo, gray-brown, FX-MX, Dns w/Anhy, incl., N.S.
37	Dolo, AA, F-VCX, Dns, N.S.
38	Dolo, AA, N.S.
39	Dolo, AA, N.S.
40	Dolo, AA, N.S.
41	Dolo, gray, Micro-VFX, associated w dk gray shale incl., N.S.
42	Dolo, tan-gray, VF-CX, Dns, w/scattered tan oolites, N.S.
43	Dolo, AA, w/scattered gray oolites AA, N.S.
44	SS, gray, F-MG, SA-R, Dolo & Anhy cmt, tight, N.S.
45	Dolo, tan-gray, micro-VFX, sdy, Dns, N.S.
46	Dolo, gray, VFX, W/VF sucrosic porosity, sli permeable, N.S.
47	Dolo, tan-gray, VFX, Dns, N.S.
48	Dolo, gray, AA, N.S.
49	Dolo, gray, AA, N.S.
50	Shale, gray, Anhy, N.S.
51	Dolo, tan-brown, VFX-CX, Dns, N.S.
52	Dolo, AA, N.S.
53	Dolo, AA, N.S.
54	Dolo, AA, N.S.
55	Dolo, AA, N.S.
56	Dolo, gray, VFX, w/VF sucrosic porosity, sli permeable, N.S.
57	Dolo, gray, VF-CX, Dns, N.S.
58	Dolo, tan-gray, AA, N.S.
59	Dolo, gray, MG oolite grainstone, sdy, N.S.
60	Dolo, gray, FX-MX, Dns, w/Anhy nodules, N.S.

5060-61 Shale, Dk gray, N.S.
62 Shale, AA, N.S.
63 Anhy, gray, massive, sandy, N.S.
64 SS, gray, MG, SA-SR Dolo & Anhy cmt, N.S.
65 SS, AA, Dns, N.S.
66 SS, gray, F-MG, SR-R glauc. anhy cmt, N.S.
67 Dolo, tan-gray, VF-CX, Dns, N.S.
68 Dolo, AA, N.S.
69 Dolo, gray, VFX, Dns, interlamin. w/Dk gray shale, N.S.
70 Dolo, AA, w/shale AA, N.S.
71 Dolo, tan, micro-VFX, stylolitic w/dead oil stain on stylolite, N.S.
72 Dolo, AA, N.S.
73 Dolo, tan, VFX, Dns, N.S.
74 Dolo, AA, N.S.
75 Dolo, gray, VF-MX, assoc. w/irregular Dk gray shale incl., N.S.
76 Shale, Dk gray, N.S.
77 Dolo, gray, micro X, v/Dns, N.S.
78 Dolo, tan, VFX, Dns, Stylo., N.S.
79 Dolo, gray, AA, stylo, N.S.
80 Dolo, gray, VFX, Dns, N.S.
81 Dolo, brn, VF-CX, Dns, N.S.
82 Dolo, brn, CX, Dns, N.S.
83 Dolo, gray-brn, VFX-CX, Dns, N.S.
84 Dolo, tan, AA, N.S.
85 Dolo, gray, AA, N.S.

George R. Reddy

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200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
No. 1 Wainoco State
660' FNL & 1980' FEL Sec. 11, T 19S, R 27E

Core No. 4 5152-5212 (60')

5152-53	Dolo, gray, VF-MX, Dns, N.S.
54	Dolo, Brn-gray, MX, Anhy nodules, Dns, N.S.
55	Dolo, Tan-gray, FX, Dns, N.S.
56	Dolo, gray, AA, N.S.
57	Dolo, AA, Anhy incl., N.S.
58	Anhy, gray, CX massive, Dns, N.S.
59	Dolo, gray, FX, Dns, N.S.
60	Dolo, gray, FX-CX, Dns, N.S.
61	Dolo, Brn gray, AA, Anhy AA, N.S.
62	Dolo, AA, N.S.
63	Dolo, AA, w/CX Anhy, AA, N.S.
64	Dolo, Brn-gray, FX, Dns w/Anhy nodules, N.S.
65	Dolo, tan-gray, VFX, Dns, N.S.
66	Dolo, gray, F-MX, lamin, argill, N.S.
67	Dolo, gray, FX, sandy, argill, N.S.
68	SS, gray, F-MG, SR-R, Dolo & Anhy cmt, fair porosity, N.S.
69	SS, AA, N.S.
70	Dolo, gray, MX, Anhy, sandy, N.S.
71	Anhy, gray, Dns, N.S.
72	Anhy, gray, V/sandy w/MG, R-SR, Qtz, N.S.
73	SS, gray, F-MG, SR-R, Anhy, N.S.
74	SS, AA, N.S.
75	SS, AA, w/scattered nodules Anhy, N.S.
76	Dolo, lt tan-gray, FX, Anhy, N.S.
77	SS, gray, FG, SR, Anhy & Dolo cmt, tight, N.S.
78	SS, gray, AA, argill, dirty, N.S.
79	SS, gray, F-MG, SR-SA, glauc, anhy cmt, N.S.
80	Anhy, gray, V/sandy, N.S.
81	SS, Gray, F-MG, SR-SA, glauc, anhy & Dolo cmt, N.S.
82	SS, AA, N.S.
83	SS, gray, MG, SR-R, Dolo cmt, interlamin w/gray shale, N.S.
84	SS, gray, MG, SR-R, Dolo
85	SS, AA, more Anhy, N.S.
86	SS, AA, N.S.
87	SS, AA, N.S.
88	Dolo, Brn-gray, F-MX, anhy, sandy, N.S.
89	Dolo, Brn-gray, F-MX, Dns, argill, N.S.
90	Dolo, Brn-gray, VF-CX, Dns, N.S.
91	Dolo, AA, N.S.
92	Dolo, AA, N.S.
93	Dolo, AA, N.S.
94	Dolo, AA, N.S.
95	Dolo, Brn-gray, FX w/scattered CX, Dns, N.S.

Read & Stevens, Inc.
No. 1 Wainoco State
Core No. 4, page no. 2

5195-96 Dolo, AA, N.S.
97 Dolo, tan-gray, VFX, Dns, N.S.
98 Dolo, AA, N.S.
99 Dolo, AA w/few scattered oolites, N.S.
5200 Dolo, gray, Micro-VFX, Dns, N.S.
01 Dolo, tan, micro-VFX, Dns, w/CX anhy nodules, N.S.
02 Dolo, tan-gray, micro-VFX, Dns, interbedded w/ dk gray shale, N.S.
03 Dolo, tan, micro-VFX, Dns, N.S.
04 Dolo, Brn-gray, VFX, Dns, interbedded w/black shale, N.S.
05 Dolo, tan-gray, VFX & Dark gray shale, N.S.
06 Dolo, tan, VF-MX, sandy, interbedded w/dark gray shale, N.S.
07 SS, gray, F-MG, SR-R, glauc, Dolo cmt, fair porosity & perm, N.S.
08 SS, AA, N.S.
09 Dolo, tan-gray, VFX, Dns, N.S.
10 Dolo, Brn-gray, VFX-CX, Dns, N.S.
11 Dolo, tan-gray, VFX, Dns w/Anhy nodules, N.S.
12 Dolo, AA, N.S.
12½ Dolo, AA, N.S.

George R. Reddy

Consulting Geologist

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Res. (505) 623-3767

200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
No. 1 Wainoco State
660' FNL & 1980' FEL Sec. 11, T 19S, R 27E

Core No. 5 5212-5272 (60')

5212-13 Dolo, tan, VF-CX, Dns, N.S.
14 Dolo, AA, w/Anhy nodules, N.S.
15 Dolo, AA " " "
16 Dolo, AA, N.S.
17 Shale, Dk gray, N.S.
18 Dolo, tan-gray, VFX, Dns, w/Anhy nodules, N.S.
19 Dolo, tan, VFX-CX, w/Anhy nodules, Dns, N.S.
20 Dolo, AA, w/Anhy, AA, N.S.
21 Dolo, AA, w/Anhy, AA, N.S.
22 Dolo, AA, " " "
23 Dolo, AA, " " "
24 Dolo, AA, " " "
25 Dolo, brn-gray, VF-FX, Dns, N.S.
26 Dolo, gray, micro-VFX, lamin w/gray Sh, N.S.
27 SS, gray, MG, SR-SA, well srtd, Anhy & Dolo cmt, N.S.
28 SS, AA, N.S.
29 SS, gray, VFG-FG, SR-SA, Dolo & Anhy Cmt, N.S.
30 SS, AA, N.S.
31 SS, AA, N.S.
32 SS, AA, N.S.
33 Dolo, gray, VF-FX, Dns, N.S.
34 Dolo, tan-gray, AA, N.S.
35 Dolo, AA, w/Anhy nodules, N.S.
36 Dolo, AA, w/Anhy nodules, N.S.
37 Dolo, gray, VFX, Dns, N.S.
38 Shale, gray, mixed w/tan-gray micro X Dolo, N.S.
39 Shale, gray, N.S.
40 Dolo, gray, VFX, Dns, N.S.
41 Dolo, AA, N.S.
42 Dolo, tan, AA w/Anhy nodules, Dns, N.S.
43 Dolo, tan, VFX matrix w/scattered CX Dolo, N.S.
44 Dolo, gray, VFX, Dns, interlam w/Dk gray Sh, N.S.
45 Dolo, tan, micro-VFX, w/anhy nodules, N.S.
46 Dolo, tan, VFX, w/anhy nodules, N.S.
47 Dolo, AA, N.S.
48 Dolo, AA, N.S.
49 Dolo, tan, micro x, v/Dns, w/anhy nodules, N.S.
50 Dolo, tan, micro-VFX, AA w/anhy nodules, N.S.
51 Shale, gray, N.S.

Read & Stevens, Inc.
No. 1 Wainoco State
Core No. 5, page 2

5251-52 Dolo, tan-brn, VFX, w/anhy nodules, N.S.
53 Dolo, tan, AA, N.S.
54 Dolo, AA, N.S.
55 Dolo, tan-gray, VFX-VCX, Dns, N.S.
56 Dolo, tan-gray, VFX, mixed w/dk gray shale, N.S.
57 Shale, Dk gray, N.S.
58 Dolo, tan-gray, VFX, w/nodules, Anhy, N.S.
59 Shale, gray, Dolo, N.S.
60 SS, gray, VF-FG, SA, fair sorting, dolo cmt, fair porosity & perm, N.S.
61 SS, gray, FG, AA w/incr. Dolo w/anhy cmt, N.S.
62 SS, gray, VF-FG, SA-A, clean, Dolo cmt, good porosity & perm, N.S.
63 SS, AA, clean, N.S.
64 SS, AA, clean, N.S.
65 SS, AA, clean, N.S.
66 SS, AA, clean, N.S.
67 SS, gray, F-MG-SA-R, clean, well srtd, Dolo cmt, N.S.
68 SS, AA, N.S.
69 SS, AA, N.S.
70 SS, AA w/Anhy cmt, $D_{n}s$, tight, N.S.
71 SS, gray, VF-FG, SA-SR, clean, Dolo cmt, N.S.
72 SS, gray, F-MG, SA-R, tight w/Anhy & Dolo cmt, N.S.