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LAND OFFICE

OPERATOR

Form C-105
Revised 11-88

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

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
OG-2001

7. Unit Agreement Name

8. Farm or Lease Name
Quail State

9. Well No.
2

10. Field and Pool, or Wildcat
Quail Queen

11. County
Lea

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator
Read & Stevens, Inc.

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

6. NEAREST LETTER **J** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM

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

12. Date of Completion **3-3-78** 15. Date T.D. Reached **3-26-78** 17. Date Comp'l. (Ready to Prod.) **4-11-78** 18. Elevations (DF, RKB, RL, GR, etc.) **3970' GR - 3980' RKB** 19. Elev. Casinghead **3970'**

20. Total Depth **5415'** 21. From Rock T.D. **5415'** 22. If Multiple Comp'l., How Many **-----** 23. Intervals Drilled By **Rotary Tools** **0'-5415'** Cable Tools **None**

24. Intervals Drilled, from Completion to Top, Bottom, Name
5082'-5090' and 5114'-5120' Queen sand

25. Was Directional Survey Made
No

26. Type Identification of Completion
GR-CN-CDL & DLL-RXO

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
12 3/4"	34#	28'	17 1/2"	2 yards ready-mix	None
8 5/8"	24#	1,900'	11"	375 sx. - circulated	None
4 1/2"	10.5 #	5,414'	7 7/8"	500 sx.	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"		

31. Perforation Record (Interval, size and number)

5082'-5090' w/ 12 (1/2") shots
5114'-5120' w/ 16 (1/2") shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5082'-5120' (O/A)	1000 gals. 15% NE acid
5082'-5120' (O/A)	20,000 gals gelled water and 25,000# 20/40 sand

33. PRODUCTION

33a. First Production
4-9-78 Production Method: (*Flowing, gas lift, pumping - Size and type pump*) **Pumping** Well Status (*Prod. or Shut-in*) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
4-11-78	24	---	----->	150	45	37	300-1

Flow-Telling Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BBL.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
-----	-----	----->	150	45	37	33°

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*)
Sold-Warren Petroleum Corp.

Test Witnessed By
Dan Lough

35. List of Attachments
2 copies of logs & inclination

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 **Donna C. Simmons** TITLE **Agent** DATE **4-12-78**

Read & Stevens, Inc. #2 Quail State
Schedule

Cores

See attached core descriptions on eight (8) 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.

Quail State No. 2

1980' FSL & 1980' FEL Sec. 11, T 19S, R 34E

Lea County, New Mexico

4760-4795½ (Rec. 35½')

CORE #1

- 4760-61 SS, gray, VFG-FG, SR-R, Anhy, Dolo, Tight, N.S.
- 62 Anhy, gray, VFX-MX, sandy, Dns, N.S.
- 63 SS, mottled gray & reddish tan, FG, SR-R, Anhy, Dolo, Tr Ø, N.S.
- 65 SS, gray, VFG, SR-R, glauc, porous & permeable, N.S.
- 66 SS, AA, N.S.
- 67 SS, lt. gray, MG w/scattered coarse frosted quartz grains (CFQG), changes to red SS @ 4767½, Anhy, N.S.
- 68 SS, red, F-MG, SA-SR, Anhy, Tight, N.S.
- 69 SS, AA, N.S.
- 70 SS, AA, N.S.
- 71 SS, AA, w/abundant scattered CFQG, N.S.
- 72 SS, AA, Incr. in frosted quartz grains, N.S.
- 73 SS, gray, FG-MG, SA-R, Glauc, Anhy, Dolo, tight, N.S.
- 74 SS, AA, N.S.
- 75 SS, AA, cleaner, N.S.
- 76 SS, AA, V Anhy., N.S.
- 77 Anhy, gray, F-CX, Dns, sandy, Tight, N.S.
- 78 Anhy, AA, V sandy, tight, N.S.
- 79 SS, gray, F-MG, SR-R, well srt'd, Dolo & Anhy cmt, Fair Ø and permeability, N.S.
- 80 SS, lt. gray, FG, SR, glauc, well srt'd, Dolo & Anhy cmt, fair Ø and perm., N.S.
- 81 SS, AA, tighter incr. in Anhy cmt, N.S.
- 82 SS, lt. gray, F-MG w/scattered CG FQ, friable, soft, clean, scattered oil stain & Fluor.
- 83 SS, AA, scattered stain & Fluor.
- 84 SS, AA, solid brown live oil stain, fluor & exc. cut, friable
- 85 SS, AA, scattered brown live oil stain, fluor & exc. cut, friable
- 86 SS, AA, solid brown live oil stain, fluor & exc. cut, friable
- 87 SS, AA, scattered brown live oil stain, fluor & exc. cut, friable
- 88 SS, AA, tighter w/few scattered shows oil & fluor
- 89 SS, mottled red & gray, F-MG, SR-SA, Anhy, few scattered shows oil stain and fluor.
- 90 SS, AA, Anhy, few scattered shows oil stain & fluor
- 91 SS, Red, FG-MG, R-SR, Anhy, tight, N.S.
- 92 SS, AA, N.S.
- 93 SS, AA, N.S.
- 94 SS, AA, N.S.
- 95 Anhy, gray, VF-MX, sandy, Dns, N.S.
- 95½ SS, gray, F-MG, SA-SR, V/anhy, tight, N.S.

George R. Reddy

Consulting Geologist

Bus. (505) 623-6233

Res. (505) 623-3767

200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
Quail State No. 2

1980' FSL & 1980' FEL Sec. 11, T 19S, R 34E
Lea County, New Mexico

Core No. 2, 5018-78½ (60½')

- 5018-19 Dolo, gray, VF-CX, Dns, N.S.
- 20 Dolo, AA, styolitic, N.S.
- 21 Dolo, AA, lighter gray, anhy, Dns, N.S.
- 22 Dolo, AA, w/Dk gray shale partings, N.S.
- 23 Dolo, tan-gray, VFX, Dns, N.S.
- 24 SS, lt. gray, F-MG, SA-SR, well srt'd, glauc, well cmt'd w/Anhy & Dolo, has scattered patches of light oil stain and fluor, Poor show.
- 25 SS, AA, w/oil stained lamin, tight, poor show
- 26 SS, AA, N.S.
- 27 SS, lt. gray, F-MG, A-SA, well srt'd, clean, even staining w/live oil, solid gold Fluor, good show
- 28 SS, AA but not as friable, scattered stain & fluor, contact w/gray shale at base
- 29 SS, gray, VF-FG, A-SR, glauc, tight, Anhy & Dolo cmt, N.S.
- 30 SS, AA, N.S.
- 31 SS, AA, N.S.
- 32 Dolo, gray, VF-FX, sandy, Dns, N.S.
- 33 Shale, dk gray, lamin w/gray, micro X & sandy Dolo, N.S.
- 34 SS, lt. gray, VF-FG, A-SR, glauc, tight, N.S.
- 35 Dolo, gray, VFX, Dns, N.S.
- 36 Dolo, AA, N.S.
- 37 Dolo, AA, v/sandy, N.S.
- 38 Dolo, AA, sandy, N.S.
- 39 Dolo, AA, lamin, w/shale, N.S.
- 40 SS, lt. gray, VF-MG, SR-R, Dolo & Anhy, cmt, tight, N.S.
- 41 SS, AA, N.S.
- 42 SS, gray, FG-MG, SA-SR, glauc. Dolo cmt, tight, N.S.
- 43 SS, AA, N.S.
- 44 SS, gray, FG, well srt'd, SA-SR, sli Dolo cmt, clean, sli friable, N.S.
- 45 SS, AA, tighter, v/Dolo, N.S.
- 46 SS, AA, v/Dolo, lamin, N.S.
- 47 SS, AA, N.S.
- 48 SS, gray, MG, well srt'd, SA-SR, clean, friable, N.S.
- 49 SS, AA, N.S.
- 50 SS, AA, N.S.
- 51 SS, AA, N.S.
- 52 SS, AA, N.S.
- 53 SS, AA, N.S.

Read & Stevens, Inc.
Quail State No. 2
Core No. 2
Page 2

- 5053-54 Dolo, gray, M-CX, oolitic, Dns, N.S.
55 Dolo, brownish gray, VF-CX, Anhy, Dns, N.S.
56 Dolo, lt gray, VFX, Dns, N.S.
57 Dolo, AA, N.S.
58 Dolo, AA, Anhy, N.S.
59 Dolo, AA, N.S.
60 Dolo, AA, N.S.
61 Dolo, CX, Anhy, Dns, N.S.
62 Dolo, VFX, Anhy, Dns, N.S.
63 Dolo, VFX, Dns, N.S.
64 Dolo, AA, N.S.
65 SS, lt. gray, FG, glauc., SR-SA, Dolo cmt, tight, N.S.
66 SS, AA, tighter, V/Dolo, N.S.
67 Dolo, gray, VFX, Sandy, lamin w/thin gray shale partings, N.S.
68 Dolo, gray, VFX, Dns, N.S.
69 SS, lt. gray, FG, tight, V/Anhy, N.S.
70 Dolo, tan gray, VFX, Dns, w/Anhy incl. N.S.
71 Dolo, tan/gray, micro X-VFX, V/Dns, N.S.
72 Dolo, tan, VFX, Dns, N.S.
73 Dolo, lt. tannish gray, VFX, w/scattered CXlls, N.S.
74 Dolo, AA, N.S.
75 Dolo, AA, N.S.
76 Dolo, tan, Micro-VFX w/abndt. oolites, Dns, N.S.
77 Dolo, AA, V/oolitic
78 Dolo, gray, VFX, sandy, N.S.
78½ SS, gray, FG, SR-R, w/Dolo matrix, tight, N.S.

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. 2 Quail State

1980' FS & EL Sec. 11, T 19S, R 34E

Core No. 3 5078-5138 (60')

- 5078-79 SS, lt. gray, F-MG, SR-R, well sorted, Dolo. cmt, tight, N.S.
- 80 SS, AA, clean, lt. brown even oil stain, solid gold Fluor, good odor & cut
- 81 SS, AA, " " " " " " " " " " "
- 82 SS, AA, " " " " " " " " " " "
- 83 SS, AA, lamin. w/shale, ss is AA but tighter, even oil stain, solid gold fluor, good odor & cut
- 84 Shale, dk. gray, lamin w/ss, VF-FG, gray, N.S.
- 85 Shale, AA, N.S.
- 86 SS, gray, FG, glauc. Anhy & Dolo cmt, brown oil stain and solid gold Fluor, odor, tight
- 87 SS, AA, show AA, tight AA
- 88 SS, AA, show AA, tight AA
- 89 Dolo, tan, VF-MX, sandy, Dns, N.S.
- 90 SS, gray, F-MG, SR-R, V/Dolomitic, N.S.
- 91 Dolo, tan, VF-MX, oolitic, Dns, N.S.
- 92 Dolo, AA, w/thin shale partings, Dns, N.S.
- 93 Dolo, gray, MX, sli. sucrosic, w/trace $\emptyset$, sandy, N.S.
- 94 SS, lt. gray, VF-FX, SR-R, Glauc, anhy, dolod, Dns, tight, N.S.
- 95 SS, AA, cleaner, lamin, w/thin shale partings, N.S.
- 96 SS, AA, w/shale AA, N.S.
- 97 Dolo, tan-gray, VFX, Dns, N.S.
- 98 Dolo, tan, AA, N.S.
- 99 Dolo, AA, lamin w/thin shale partings, N.S.
- 5100 Dolo, dk gray, VFX-Micro-X, V/Dns, N.S.
- 01 Dolo, tan, VFX, Dns, N.S.
- 02 Dolo, AA, N.S.
- 03 Dolo, AA, w/scattered CX Dolo., Dns, N.S.
- 04 Dolo, AA, w/CX Dolo, AA, N.S.
- 05 Dolo, AA, V/oolitic, Dns, N.S.
- 06 Dolo, AA, Tr oolites, AA, N.S.
- 07 Dolo, tan-gray, VFX, Dns, N.S.
- 08 Dolo, gray, VF-MX, Dns, N.S.
- 09 Dolo, AA, N.S.
- 10 Dolo, AA, sandy, Dns, N.S.
- 11 Dolo, gray, VFX, sandy, inter lamin w/thin shale partings (varved?)
Tr stain & fluor, tight
- 12 SS, gray, MG, SA-SR, well sorted, clean, soft, friable, even brown oil stain, solid bright yellow fluor, good odor & cut
- 13 SS, AA, show AA
- 14 SS, AA, w/scattered areas that are tighter & barren, scattered show, stain & fluor

Read & Stevens, Inc.
No. 2 Quail State
Core No. 3

- 5114-15 SS, AA, v/clean soft & friable, oil saturated w/good Fluor, stain and odor and cut. Base of show @ 5115.6. Basal contact w/ss, lt. gray, VFG, SR-R, well strtd, well cmtd w/Dolo., tight, N.S.
- 16 SS, lt. gray, VF-FG, glauc., SA-R, Dolo. cmt, mostly tight but having cleaner areas w/stain & fluor
- 17 SS, AA, w/incr. in stain & show - appears to have fair show
- 18 SS, AA, Tight, N.S.
- 19 Shale, dk. gray, lamin w/thin layers Dolo., N.S.
- 20 Dolo, gray, VFX, Dns, N.S.
- 21 Dolo, AA, N.S.
- 22 Dolo, AA, N.S.
- 23 Dolo, tan, micro-VFX, Dns, N.S.
- 24 Dolo, tan, VFX, Dns, sli oolitic, N.S.
- 25 Dolo, AA, sli oolitic AA, N.S.
- 26 Dolo, " " " "
- 27 Dolo, AA, N.S.
- 28 Dolo, gray, VFX, Dns, N.S.
- 29 SS, gray, VFG, SA-R, glauc., V/Dolomitic, tight, N.S.
- 30 Dolo, tan, VFX, Dns, lamin w/dk. brown shale, N.S.
- 31 Dolo, lt. tan-gray, MicroX, V/Dns, N.S.
- 32 Dolo, AA
- 33 Dolo, gray, VFX, Dns, N.S.
- 34 Dolo, gray, MicroX matrix, M-C Detrital grains, Dolo packstone, N.S.
- 35 Dolo, tan-gray, VFX, Dns, N.S.
- 36 Dolo, gray, VFX-CX, Dns, N.S.
- 37 Dolo, tan, VFX-MicroX, V/Dns, N.S.
- 38 Dolo, AA, N.S.
- 38.5 Dolo, AA, N.S.

George R. Reddy

Consulting Geologist

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200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.

No. 2 Quail Queen

1980' FS & EL Sec. 11, T 19S, R 34E

Lea County, New Mexico

Core No. 4 5160-75 (15')

- 5160-61 Anhy, gray, VFX, sdy, Dolo., N.S.
- 62 Anhy, gray, argill, N.S.
- 63 Anhy, gray, VFX, Dns, Dolo., N.S.
- 64 Dolo, gray, VFX-CX, Dns, N.S.
- 65 Dolo, gray, VFX, sdy, Dns, N.S.
- 66 Shale, gray, oolo, N.S.
- 67 Anhy, gray, CX, Dns, N.S.
- 68 Anhy, gray, VFX, argill, N.S.
- 69 Anhy, AA, Sdy, N.S.
- 70 Dolo, gray, VFX-MicroX, Dns, sli sdy, N.S.
- 71 Dolo, Dk gray, FX-MX, Dns, N.S.
- 72 SS, gray-tan, VFG, SA-SR, Dolo. matrix - V/Dolomitic, tight, N.S.
- 73 Shale, gray, interlamin w/gray micro-VFX Dolomite, N.S.
- 74 Dolo, gray-tan, micro-VFX, Dns, sdy, N.S.
- 75 Dolo, tan, VF-MX, Dns, N.S.
- 75.2 Shale, dk. gray, interbedded w/gray, microX, Dns, Dolo.

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200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
No. 2 Quail State

1980' FS & EL Sec. 11, T 19S, R 34E
Lea County, New Mexico

Core No. 6 5268-5328 (60')

- 5268-69 Dolo, tannish gray, VF-FX, oolitic, Dns, N.S.
70 SS, lt, gray, F-MG, SR-R, glauc., dolo. cmt, fair ϕ & perm, N.S.
71 SS, AA, Dolo & Anhy cmt, N.S.
72 SS, AA, incr. in cmt, tighter, N.S.
73 SS, AA, N.S.
74 SS, lt. gray, FG, SR-R, well srted, glauc, Dolo. cmt, fair ϕ & perm, N.S.
75 SS, AA, tighter, N.S.
76 Dolo, tan-gray, VF-MX, Dns, Sdy, N.S.
77 Dolo, gray, AA w/Anhy, Incl., Dns, N.S.
78 Dolo, gray, AA, N.S.
79 Dolo, tan-gray, FX, Dns, N.S.
80 Dolo, AA, VFX, Dns, N.S.
81 Dolo, AA, VF-CX, Dns, N.S.
82 Dolo, AA
83 Anhy,Clr-whi, transcluent, massive, N.S.
84 Dolo, tan, VFX, Oolitic, Dns, N.S.
85 Dolo, gray, micro-VFX, Dns, N.S.
86 Dolo, tan, VFX, Dns, N.S.
87 Dolo, AA
88 Dolo, tan, micro X w/scattered CXlls Dolo, Dns, N.S.
89 Dolo, AA, N.S.
90 Shale, blk interbedded w/gray, FX, Dns, N.S.
91 Anhy, clr-whi, transcluent, massive, N.S.
92 Dolo, tan, VFX w/scattered CX Dolo, Dns, N.S.
93 Dolo, AA, N.S.
94 Dolo, AA, N.S.
95 Dolo, tan gray, VFX-CX, Dns, N.S.
96 Anhy, clr-whi, transcluent, massive, mixed w/gray, Dns, micro x, Dolo, N.S.
97 Dolo, tan-gray, FX, Dns, N.S.
98 Dolo, AA, interbedded w/whi. massive Anhy, Dns, N.S.
99 Dolo, gray, micro-VFX, Dns, N.S.
5300 Dolo, brown-gray, FX, Dns, N.S.
01 Dolo, tan-gray, VF-CX, Dns, N.S.
02 Dolo, tan-gray, VFX, Dns, N.S.
03 Dolo, AA, interlamin w/gray shale partings, N.S.
04 Dolo, tan, VF-VCX, oolitic, Dns, N.S.
05 Dolo, tan-gray, VFX, interlamin w/dk gray shale partings, N.S.
06 Anhy, gray-clear massive, Dns, N.S.
07 Dolo, gray, micro x-FX, Dns, w/nodules of massive clear anhy, N.S.
08 SS, gray, F-MG, SA-SR, well srted, v/tight w/Anhy & Dolo Cmt, N.S.
09 SS, AA, N.S.
10 SS, AA, cleaner, sli. friable, N.S.
11 SS, AA, cleaner, more friable, N.S.

Read & Stevens, Inc.
No. 2 Quail Queen
Core No. 6, Page 2

5311-12 SS, AA, N.S.
13 SS, AA, N.S.
14 SS, gray, MG, SA-SR, well sorted, Dolo. cmt, fair $\emptyset$ & perm, N.S.
15 SS, AA, N.S.
16 SS, AA, N.S.
17 SS, AA, N.S.
18 SS, AA, N.S.
19 SS, AA, N.S.
20 SS, AA, N.S.
21 SS, AA, N.S.
22 SS, med gray, FG, clauc, SA-SR, very tight w/Dolo. cmt, N.S.
23 Dolo, gray, micro-VFX, Very sandy, Dns, N.S.
24 Dolo, tan-gray, VFX w/VF sucrosic $\emptyset$, sli perm., S.S.
25 Dolo, tan-gray, VF-VCX, Dns, N.S.
26 Dolo, AA, N.S.
27 Dolo, gray, FX, w/scattered CXlls Dolo, Dns, N.S.
28 Dolo, tan-gray, FX, Dns, N.S.

George R. Reddy

Consulting Geologist

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200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
No. 2 Quail State

1980' FS & EL Section 11, T 19S, R 34E
Lea County, New Mexico

Core No. 7 5328-53 (25' - Core barrel jammed)

- 5328-29 Dolo, gray, VFX, Dns, w/VCX nodules of clr-whi. Anhy., N.S.
30 Dolo, micro-VFX, Dns, N.S.
31 Dolo, AA w/Anhy. nodules, N.S.
32 Dolo, AA, N.S. w/dk gray shale
33 Dolo, AA, N.S. " " "
34 Dolo, tan-gray, VFX w/Anhy. nodules, Dns, N.S.
35 Dolo, AA, N.S.
36 Dolo, tan-gray, FX-VCX, Dns, N.S.
37 Dolo, AA, N.S.
38 Dolo, AA, N.S.
39 Dolo, AA, sli. VF sucrosic, Sli. porous & permeable, N.S.
40 Dolo, AA, " " " " " N.S.
41 Dolo, AA, " " " " " N.S.
42 Dolo, tan-gray, F-MX, Dns, N.S.
43 Dolo, gray, M-VCG grainstone breccia, Anhy. matrix, Dns, N.S.
44 Dolo, AA, N.S.
45 Dolo, tan, VF-MG grainstone, oolitic, N.S.
46 Dolo, AA, N.S.
47 Dolo, Brown-gray, FX, Dns. w/Anhy. nodules, N.S.
48 Dolo, tan-gray, CX, Dns. w/Anhy. nodules, N.S.
49 Dolo, tan-gray, FX w/scattered CX Dolo, Dns, N.S.
50 Dolo, tan-gray, F-CX, Dns, N.S.
51 Dolo, AA, N.S.
52 Dolo, tan, FX, Dns. w/Anhy. nodules, N.S.
53 Dolo, tan-gray, VFX-CX, Dns, N.S.

George R. Reddy

Consulting Geologist

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200 West First Street
Roswell, New Mexico 88201

Read & Stevens, Inc.
No. 2 Quail State

1980' FS & EL Section 11, T 19S, R 34E

Core No. 8 5353-5374 (21')

- 5353-54 Dolo, tan, VF-CX, Dns, N.S.
- 55 Dolo, AA, N.S.
- 56 Dolo, AA, N.S.
- 57 Dolo, brown-gray, M-CX, Dns., N.S.
- 58 Dolo, tan-gray, VFX, Dns, Anhy. nodules, N.S.
- 59 Dolo, AA, N.S.
- 60 Dolo, gray, FX, Dns., N.S.
- 61 Dolo, AA, Anhy. nodules, N.S.
- 62 Dolo, AA, N.S.
- 63 Dolo, tan, VFX, V/sdy, Dns, N.S.
- 64 SS, gray, MG, SA-SR, well srted, Dolo. cmt, fair Ø & perm, N.S.
- 65 SS, AA, tighter w/Dolo & Anhy cmt, N.S.
- 66 SS, AA, N.S.
- 67 SS, AA, N.S.
- 68 SS, AA, v/tight, w/Anhy. cmt., N.S.
- 69 SS, AA, " " " , N.S.
- 70 SS, AA, " " " , N.S.
- 71 SS, AA, " " " , N.S.
- 72 Dolo, gray, VF-FX, Dns., v/sandy, N.S.
- 73 Dolo, tan-gray, FX, Dns, N.S.
- 74 Dolo, lt. gray, VFX, Dns, N.S.



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

WEK DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. BOX 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-675
ROSWELL 505/623-507

March 30, 1978

Read and Stevens, Inc.
P.O. Box 2126
Roswell, New Mexico 88201

Re: #2 Quail Queen

Gentlemen:

The following is a Deviation Survey of the above well:

494' - 1/4°	2961' - 1 1/4°
929' - 1/2°	3492' - 1 1/4°
1130' - 1/2°	3945' - 1°
1608' - 3/4°	4413' - 1°
1900' - 1°	4908' - 1°
2389' - 1 1/4°	5396' - 1°
2883' - 1 1/4°	5415' - 1° T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 30th day
of March 1978 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Glenda Lisa Newton
Notary Public