

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

SEP 10 1969

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
OG-2001

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

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

2. Name of Operator
Charles B. Read

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

4. Location of Well
UNIT LETTER **K** LOCATED **2080** FEET FROM THE **South** LINE AND **1980** FEET FROM

7. Unit Agreement Name
-

8. Farm or Lease Name
State **"C"**

9. Well No.
1

10. Field and Pool, or Wildcat
Quail Queen (Undes.)

12. County
Lea

15. Date Spudded **3/29/69**
16. Date T.D. Reached **4/11/69**
17. Date Compl. (Ready to Prod.) **9/1/69**
18. Elevations (DF, RKB, RT, GR, etc.) **3976' GL**

20. Total Depth **5168'**
21. Plug Back T.D. **5137'**
22. If Multiple Compl., How Many **-**
23. Intervals Drilled By **Rotary Tools**
0-TD

24. Producing Interval(s), of this completion - Top, Bottom, Name
5028-5088' Penrose

19. Elev. Casinghead
-

25. Was Directional Survey Made
No

27. Was Well Cored
yes

26. Type Electric and Other Logs Run
Welex - Acoustic Velocity

28. CASING RECORD (Report all strings set in well)
Casing Size Weight LB./FT. Depth Set Hole Size Cementing Record Amount Pulled
8 5/8" 32# 407' RKB 11" 150 SX None
5 1/2" 14#, 15.5# 5168' RKB 7 7/8" 250 SX None

29. LINER RECORD
Size Top Bottom Sacks Cement Screen Size Depth Set Packer Set
2 3/8" 5036' RKB 4967' RKB

30. TUBING RECORD
Size Depth Set Packer Set
2 3/8" 5036' RKB 4967' RKB

31. Perforation Record (Interval, size and number)
5033-34' and 4783-94' W/2 JS/F
5028-5032' and 5083-88' W/2 JS/P

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Depth Interval Amount and Kind Material Used
5083-5088' 500 of 15% acid, 11,000 cru & 11,000# 20/40 sd.
5028-5032' 500 of 15% acid, 15,000 cru & 15,000# 20/40 sd.

33. PRODUCTION (see reverse side)
Date First Production **9/1/69**
Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping**
Date of Test **9/1/69**
Hours Tested **24**
Choke Size **Opn 2"**
Prod'n. For Test Period **7**
Oil - Bbl. **7**
Gas - MCF **TSTM**
Water - Bbl. **15**
Gas - Oil Ratio **TSTM**

Flow Tubing Press. **0**
Casing Pressure **Pkr**
Calculated 24-Hour Rate **7**
Gas - MCF **TSTM**
Water - Bbl. **15**
Oil Gravity - API (Corr) **32°**
Test Witnessed By

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

35. List of Attachments
Core Analysis Results, Inclination Report, Welex Acoustic Velocity Log

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 [Signature] TITLE Agent DATE Sept. 2, 1969

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 electrical and radio-activity 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. The form is to be filed 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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates 3568'
T. 7 Rivers _____
T. Queen 4739'
T. ~~XXXXX~~ 5022'
~~Penrose~~
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn. _____
T. Cisco (Bough C) _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1840		Red beds				Cores (See attachments)
1840	2115		Anhy				
2115	3300		Salt & Anhy				
3300	3568		Anhy				
3568	4035		Sand & Anhy				
4035	4739		Dolo, Anhy & Sand				
4739	TD		Sand, Dolo & Anhy				
							Continued
				Depth Interval			Amount & Kind Material Used
				5028-34'			500 of 15% acid, 20,000 Brine, & 20,000# 20/40 sd.
				4783-94'			500 of 15% acid, 20,000 Brine & 20,000# 20/40 sd.

PRELIMINARY PRINT

CORE ANALYSIS RESULTS

Company CHARLES B. BEAD Formation PENROSE File WP-3-3151
 Well STATE "C" NO. 1 Core Type DIAMOND 4" Date Report 4-7-69
 Field QUAIL RIDGE Drilling Fluid WATER BASE MUD Analysts NEFF
 County LJA State NEW MEX. Elev. 3987.5' Location 2030' FSL 1930' FWL SEC 11 T19S-R34E

Lithological Abbreviations

SAND-SO SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CH GYPSUM-GYP	ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FOSS	SANDY-SOY SHALY-SHY LIMY-LMY	FINE-FN MEDIUM-MED COARSE-CSE	CRYSTALLINE-XLN GRAIN-GRN GRANULAR-GRNL	BROWN-BRN GRAY-GY VUGGY-VGY	FRACTURED-FRAC LAMINATION-LAM STYLOLITIC-STY	SLIGHTLY-SL/ VERY-V/ WITH-W/
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	

CONVENTIONAL ANALYSIS

CORE NO. 1 (5001-5060)

	5001.0-03.0					Anhydrite
	5003.0-16.0					Dolomite, anhy
	5016.0-18.0					Dolomite, shy
	5018.0-26.0					Dolomite
	5026.0-28.0					Dolomite, sdy
	5028.0-29.0					Sand
1	5029.0-30.0	0.2	7.3	9.6	45.2	Sand, gry, fn grn
2	30.0-31.0	1.3	10.6	13.2	37.8	Sand, gry, fn grn
3	31.0-32.0	19	14.0	10.7	38.6	Sand, gry, fn grn
4	5032.0-33.0	43	17.1	11.1	43.3	Sand, gry, fn grn
	5033.0-37.0					Sand
	5037.0-38.0					Dolomite
	5038.0-43.0					Sand, shy
	5043.0-45.5					Sand
	5045.5-47.0					Dolomite
	5047.0-56.0					Sand, shy
	5056.0-59.0					Sand
	5059.0-60.0					Lost Core

CORE NO. 2 (5060-5119)

	5060.0-62.0					Sand
	5062.0-63.0					Dolomite, shy
	5063.0-66.0					Dolomite
	5066.0-68.0					Sand, shy
	5068.0-73.0					Sand
	5073.0-83.0					Dolomite
	5083.0-85.0					Sand
5	5085.0-86.0	2.0	17.5	16.6	41.7	Sand, gry, fn grn
6	86.0-87.0	6.1	23.2	18.2	43.8	Sand, gry, fn grn
7	87.0-88.0	4.0	22.8	16.7	42.6	Sand, gry, fn grn
8	88.0-89.0	0.6	15.0	20.7	42.0	Sand, gry, fn grn
9	5089.0-90.0	0.8	13.3	12.8	43.7	Sand, gry, fn grn

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CORE LABORATORIES, INC.

Petroleum Reservoir Engineering
DALLAS, TEXAS

File W2-3-3151 Page No. 2Well STATE "C" NO. 1

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
	5090.0-92.0					Dolomite, shy
	5092.0-95.0					Dolomite
	5095.0-96.0					Sand
10	5096.0-97.0	0.5	12.2	5.7	54.9	Sand, gry, fn grn
11	5097.0-98.0	1.3	14.0	6.4	49.3	Sand, gry, fn grn
	5098.0-00.0					Sand
12	5100.0-01.0	0.6	10.1	5.0	55.4	Sand
	5101.0-02.0					Sand
	5102.0-02.5					Dolomite
	5102.5-06.0					Sand, shy
	5106.0-19.0					Dolomite
	CORE NO. 3 (5119-5147)					
	5119.0-20.0					Sand, shy
13	5120.0-21.0	0.1	8.2	0.0	74.3	Sand, gry, fn grn
14	21.0-22.0	5.7	18.8	10.6	54.2	Sand, gry, fn grn
15	5122.0-23.0	0.1	9.2	0.0	74.0	Sand, gry, fn grn
	5123.0-23.5					Sand
	5123.5-33.0					Dolomite
	5133.0-47.0					Dolomite, sl/shy