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Form C-105
Revised 10-68

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

RECEIVED

1. TYPE OF WELL Oil

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

Name of Operator Read & Stevens, Inc.

Address of Operator P.O. Box 1518, Roswell, NM 88201

Location of Well Penrose

3. Indicate Type of Lease
 State ☒ Fee ☐

4. State of New Mexico Lease No.
E-4199

5. Date of Lease
SEP 3 1981

6. Name of Lease
Gulf West Mesa

7. Well No.
3

8. Name of Well
Bunker Hill

9. Name of Well
Penrose

10. Name of Well
Eddy

11. LETTER N LOCATED 1910 FEET FROM THE West LINE AND 730 FEET FROM South LINE OF SEC. 13 TWP. 16S RGE. 31E NMPM

12. Date Spudded 7-17-81 15. Date T.D. Reached 7-26-81 17. Date Compl. (Ready to Prod.) 9-1-81 18. Elevations (DF, RKB, RT, GR, etc.) 4493.1' 19. Elev. Casinghead -

20. Total Depth 4248' 21. Plug Back T.D. 4188' 22. If Multiple Compl., How Many - 23. Intervals Drilled by 0-4248' Cable Tools -

4. Producing Interval(s), of this completion - Top, Bottom, Name 3623'-3647' Penrose 25. Was Directional Survey Made -

5. Type Electric and Other Logs Run MLL, CDL, GRNL 27. Was Well Cored Yes

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1272'	11"	300sx HLC w/1/2# floccle	-
4 1/2"	10.5#	4248'	7 7/8"	200sx Class "C" w/2% CaCl ₂ , 1/4# floccle	-
				225sx HLC w/5# gilsonite	-
				400sx Class "C" w/.4% CFR-2, .3% Halad	-

LINER RECORD				TUBING RECORD & 6# salt			
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET	
				2 3/8"	3652' RKB	3620' SN	

28. Perforation Record (Interval, size and number) 3623'-3647' 2 shots/ft, 24' 48 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>3623'-3647'</u>	<u>1000gal 15% NE acid w/ 50 ballsealers</u>

33. PRODUCTION

34. First Production 8-8-81 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2" x 1 1/2" x 16' RWPC 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
<u>8-31-81</u>	<u>24</u>	<u>-</u>	<u>30</u>	<u>TSTM</u>	<u>2</u>	<u>-</u>	<u>-</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
<u>0</u>	<u>0</u>	<u>30</u>	<u>TSTM</u>	<u>2</u>	<u>-</u>	<u>-</u>	

35. Disposition of Gas (Sold, used for fuel, vented, etc.) TSTM Test Witnessed By Dan Lough

36. List of Attachments Copy of logs, deviation survey, core analysis

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 B. J. Hatcher TITLE Drilling & Production Manager DATE 9-1-81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical 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 33 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 1185.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1324'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2308'</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2490'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3346'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4095'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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 <u>3346'</u> to <u>3386'</u>	No. 4, from _____ to _____
No. 2, from <u>3623'</u> to <u>3652'</u>	No. 5, from _____ to _____
No. 3, from <u>4056'</u> to <u>4095'</u>	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 _____ to _____ 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
1324	2308	984	Salt				
2308	3400	1092	Anhy, sh, sd				
3400	3623	223	Dolo, anhy				
3623	3652	29	Sd				
3652	4056	404	Dolo, sd				
4056	4095	39	Sd				
4095	4202	107	Dolo, sh				
4202	4248	46	Sd				



Collier Drilling Corp.

PHONES (505) 746-3596 (505) 746-3520
BOX 271 - ARTESIA NEW MEXICO 88210

AUG 26 1981

WELL NAME AND NUMBER GULF W. MESA #3
LOCATION Section 13, T-16-S, R-31-E 1910' FWL & 730' FSL Eddy County, NM
OPERATOR READ & STEVENS, INC., P. O. BOX 1518, ROSWELL, NEW MEXICO 88201

The undersigned hereby certifies that he/she is an authorized representative of Collier Drilling Corp. and that the following information as set forth by the drillers for Collier Drilling Corp. on their Survey of Directional Drilling is true and correct to the best of his/her information and belief.

<u>DISC NO.</u>	<u>DATE</u>	<u>DEPTH</u>	<u>DRIFT</u>	<u>DRILLER</u>
<u>1</u>	<u>7/18/81</u>	<u>705'</u>	<u>1°</u>	<u>Erick Lehr</u>
<u>2</u>	<u>7/20/81</u>	<u>1272'</u>	<u>1 3/4°</u>	<u>Jim Smith</u>
<u>3</u>	<u>7/21/81</u>	<u>1807'</u>	<u>1 3/4°</u>	<u>Jim Smith</u>
<u>4</u>	<u>7/22/81</u>	<u>2817'</u>	<u>1 3/4°</u>	<u>Jim Smith</u>
<u>5</u>	<u>7/23/81</u>	<u>3390'</u>	<u>1 3/4°</u>	<u>G. L. Sutton</u>
<u>6</u>	<u>7/26/81</u>	<u>4090'</u>	<u>1 1/2°</u>	<u>Jim Smith</u>

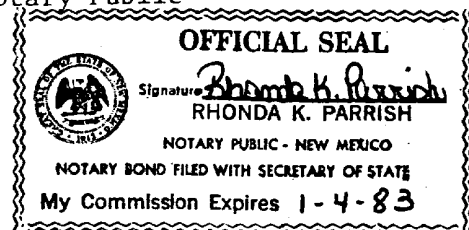
By J. E. De Moya
Title Drilling Superintendent

Subscribed and sworn to before me this 25th day of August, 1981

1-4-83
My commission expires



Rhonda K. Parrish
Notary Public



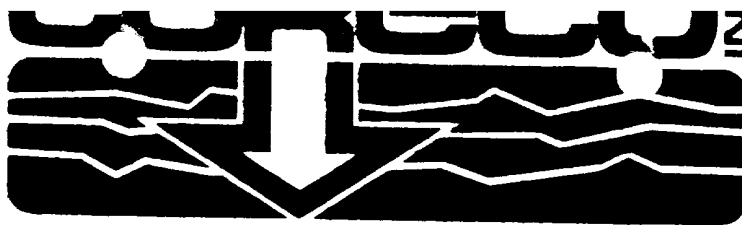
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SEP 3 1981

O. C. D.

ARTESIA, OFFICE

O. C. D.



SERVICE - CORE ANALYSIS

929 South L Street Midland, Texas Ph. 915-685-7047

Company: Read & STEVENS

County: Eddy

Elevation: _____

Well: #3 GULF WEST Mesa

State: Nm.

Interval Cored _____

Field: _____

Date: 7-24-81

From: 3618 To: 3648

Gamma Ray
(Radiation Increasing)

Depth

Porosity
(Percent)

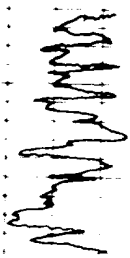


30

20

10

0

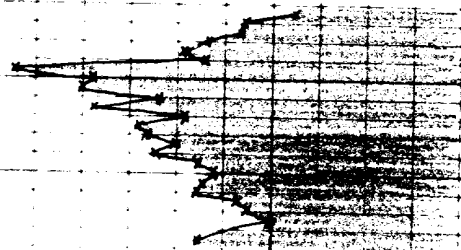


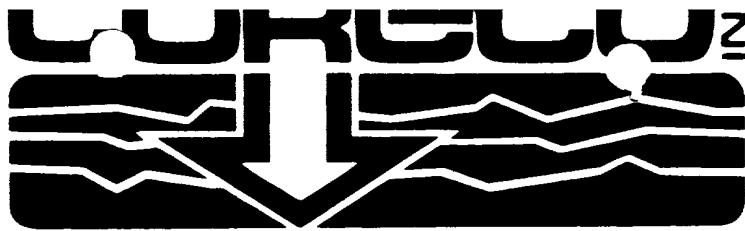
3623

30

40

3647





SERVICE - CORE ANALYSIS

929 South L Street Midland, Texas Ph. 915-685-7047

Company: Read & Stevens County: Eddy Elevation: _____
Well: #3 Gulf West Mesa State: Nm. Interval Cored: _____
Field: _____ Date: 7-24-81 From: 3618 To: 3648

Gamma Ray
(Radiation Increase)



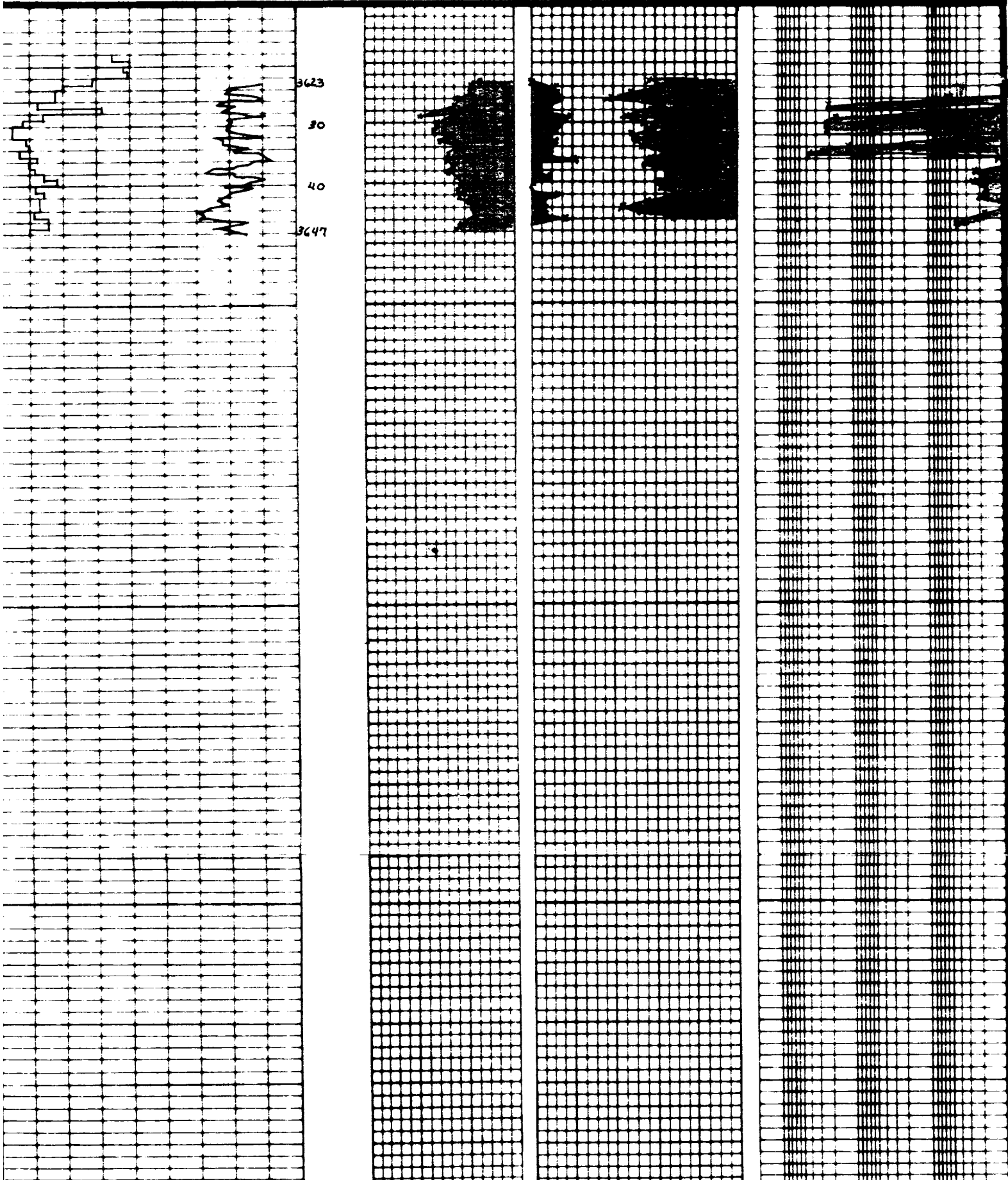
Porosity
(Percent)

Total Water Saturation - X

Permeability
(Millidarcys)

Oil Saturation - O

100 80 60 40 20 0 30 20 0 10 20 40 60 8 100 1000 100



LITHOLOGIC ABBREVIATIONS

A.

Ang - Angular
Anhy - Anhydrite, Anhydritic

B.

Blk - Black
Brn - Brown

D.

Dk - Dark
Dol - Dolomite, Dolomitic

F.

FG - Fine Grain
Foss - Fossils

G.

Gy - Gray

L.

Lam - Laminated

O.

OSt - Oil Stain

R.

Rd - Red
Rnd - Round

S.

Scat - Scattered
SHR - Solid Hydrocarbon Residue
Snd - Snad

T.

Tn - Tan
Thly - Thinly
TR - Trace

V.

VF - Very Fine