Submit to Appropriate District Office
State Lease – 6 copies
Fee Lease – 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-025-32458

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

7. Lease Name or Unit Agreement Name: ARCO A COM

2. Name of Operator: Rand Oil & Gas, Inc.

8. Well No. 2

3. Address of Operator: 1110 N. Big Spring St. Midland, TX 79701

9. Pool name or Wildcat: South Knowles (Devonian)

4. Well Location
Unit Letter C : 660 Feet From The North Line and 1930 Feet From The West Line

Section 18 Township 17-S Range 39-E NMPM Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
7-19-94	9-09-94	10-21-94	3554' GR	3554' GR

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
12,171'	--			12,171'	None

19. Producing Interval(s), of this completion - Top, Bottom, Name: 12,120'-12,171' Devonian

20. Was Directional Survey Made: Yes

21. Type Electric and Other Logs Run: CDN DIL GR CALIPER DIPMETER

22. Was Well Cored: No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	43	430'	17-1/2"	400 Sx C 2% CC	None
8-5/8"	32	4730'	11"	900 SX Lite 200 Sx H	None
5-1/2"	17 & 20	12123'	7-7/8"	975 Sx H:POZ 50/50	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	12,129'	12,065'

26. Perforation record (interval, size, and number)

No Perfs.
OH 12,123'-12,171'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12128'-12171'	3000 Gals Gelled Acid

PRODUCTION

28.

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
10-11-94	Flowing	SI

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-29-94	24	12/64		55	13.7	-0-	249

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
130 psi	1300 psi					46

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold to GPM

Test Witnessed By

30. List Attachments

31. *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*

Signature O. H. Routh Printed Name O. H. ROUTH Title AGENT Date 11-1-94

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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				Northwestern New Mexico			
T. Anhy	2323	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn	10,515	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3522	T. Miss	11,307	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian	12,120	T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	5413	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta	7264	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Delaware Sand		T. Todilto		T.	
T. Drinkard		T. Bone Springs	(2) 3353	T. Entrada		T.	
T. Abo	9303	T. " "	(3) 8570	T. Wingate		T.	
T. Wolfcamp	9725	T.		T. Chinle		T.	
T. Penn		T.	Woodford 12,044	T. Permain		T.	
T. Cisco (Bough C)		T.		T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
4750	5320		Anhy/Dolo
5320	5430		Sandy Shale
5430	6240		Dolomite/Anhy
6240	6940		Limestone
6940	7040		Dolomite/Sandy
7040	7600		Dolomite/Anhy
7600	7700		Dolomite/Chert
7700	8070		Dolomite/Anhy
8070	8120		Dolomite/Chert
8120	8340		Dolomite
8340	8380		Sandstone
8380	8560		Dolomite
8560	9220		Sandy Dolomite
9220	10810		Limestone
10810	10860		Dolomite
10860	10990		Dolomite/Chert
10990	11080		Limestone
11080	11307		Shaly Lime
11307	11980		Limestone Chert
11980	12044		Chert/Lime/Shale
12044	12120		Shale
12120	12140		Limestone
12140	TD		Dolomite