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. 30-025-33842

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

2. Name of Operator: Rand Paulson Oil Company, Inc. (Ogrid 159123)

8. Well No. 3

3. Address of Operator: 508 W. Wall, Ste 100 Midland, Tx 79701

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

4. Well Location
Unit Letter N : 600 Feet From The South Line and 2040 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
2-19-97	3-25-97	4-6-97	3656' GR	3656'

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
12,162	-			all	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 12,123' - 12,162'

20. Was Directional Survey Made: yes

21. Type Electric and Other Logs Run: CNL-DEN-GR-CAL-MICRO-IND IMAGER

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"	48	450'	17 1/2"	500 sx	None
8 5/8"	32	4805'	11"	1600 sx	None
5 1/2"	17	12,123'	7 7/8"	1100 sx	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	12,118	12,021

26. Perforation record (interval, size, and number)
OH 12,123' - 12,162'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,123-12,162	750 gal 15% MSR

PRODUCTION

28.

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
4-5-97	Flowing	Prod

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-8-97	24	16/64		235	101	-0-	430-1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
200	46		235	101	-0-	45.2

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

Test Witnessed By: Gary Morgan-Well Testers

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 [signature] Printed Name O.H. Routh Title Agent Date 4-15-97

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 2325	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3535	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian 12085	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 5564	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 7312	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	T. Entrada	T.
T. Abo	T. 2nd bone Sprgs 8375	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 9767 to 9788 No. 3, from 10,571 to 10,575

No. 2, from 10,146 to 10,195 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 none to ..... feet .....

No. 2, from none to ..... feet .....

No. 3, from none to ..... feet .....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
4800	5300	500	ANHY/SS/DOLO	8560	9240	680	DOLO/SS
5300	6150	850	DOLO	9240	9440	200	DOLO
6150	6400	350	LS/CHRT	9440	9760	320	LM
6400	7200	800	LS/CHRT	9760	9820	60	DOLO
7200	7280	80	LS/SS	9820	12000	2180	LS/SH/CHRT
7280	7300	20	DOLO	12000	12080	80	SH
7300	7460	160	SS/DOLO	12080	12140	60	LS
7460	7600	140	DOLO	12140	12162	22	DOLO
7600	7640	40	SS.LM				
7640	7960	320	SS/DOLO				
7960	8200	340	DOLO/CHRT				
8200	8400	200	DOLO/SH				
8400	8560	160	DOLO				