

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.

30-015-28602

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

L6921

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

Murchison 2 State

2. Name of Operator

DALEN Resources Oil & Gas Co. *Enserch Expl. Inc.*

3. Address of Operator

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

8. Well No.

4

9. Pool name or Wildcat *Black River*
P.L.; Delaware, Delaware, South

4. Well Location

Unit Letter *A*: *660* Feet From The *North* Line and *330* Feet From The *East* Line

Section *2*

Township *25S*

Range *26E*

NMPM

Eddy

County

10. Date Spudded

08/18/95

11. Date T.D. Reached

08/29/95

12. Date Compl. (Ready to Prod.)

13. Elevations (DF& RKB, RT, GR, etc.)

3382'

14. Elev. Casinghead

15. Total Depth

5,550'

16. Plug Back T.D.

5,509'

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

5,167' - 5,171' & 5,202' - 5,206' - Brushy Canyon

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Compensated Neutron LithoDensity GR/Array Induction GR/AMS/CBL

22. Was Well Cored

Yes

23.

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#	2,010'	12-1/4"	1285sx	0
5-1/2"	17#	5,550'	7-7/8"	580sx	0

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	5113'	NA

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

5202' - 5206' 2 SPF 9 Holes
5167' - 5171' 2 SPF 9 Holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

5202-06' 1000 gals 15% NEFE Acid

5167-71' 1000 gals 15% NEFE Acid

5202' - 5167' 45636 gal 35# gel + 23415#

15/30 Ottawa Sand

28.

PRODUCTION

Date First Production 09/23/95		Production Method (Flowing, gas lift, pumping, etc. and type pump) Swabbing/Flowing					Well Status (Prod. or Shut-in) Shut-In	
Date of Test 09/23/95	Hours Tested 13-1/2	Choke Size 40/64"	Prod'n For Test Period	Oil - Bbl 20	Gas - MCF TSTM	Water - Bbl 150	Gas - Oil Ratio NA	
Flow Tubing Press. 150	Casing Pressure 0	Calculated 24- Hour Rate	Oil - Bbl 35.5	Gas - MCF TSTM	Water - Bbl 956	Oil Gravity - API - (Corr.) 46.5		

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

Vented during testing

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

Cindy R. Keister

Printed

Name Cindy R. Keister

Regulatory

Compliance Spec. Title

Date 11/16/95

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	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	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
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. Delaware Sand 2059'	T. Todilto	T.
T. Drinkard	T. Bone Springs 5449'	T. Entrada	T.
T. Abo	T.	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 5167' to 5171'	No. 3, from.....to.....
No. 2, from 5202' to 5206'	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	From	To	Thickness in Feet	Lithology
2020'	2300'	280'	Sandstone & Limestone	5490'	5510'	20'	Shale
2300'	2500'	200'	Sandstone	5510'	5520'	10'	Limestone
2500'	2780'	280'	Sandstone & Limestone	5520'	5530'	10'	Shale
2780'	2960'	180'	Sandstone & Shale	5530'	5540'	10'	Limestone
2960'	3000'	40'	Sandstone	5540'	5550'	10'	Shale & Limestone
3000'	3060'	60'	Sandstone & Dolomite				
3060'	3180'	120'	Sandstone				
3180'	3220'	40'	Dolomite & Shale				
3220'	3280'	60'	Sandstone & Shale				
3280'	3290'	10'	Sandstone & Dolomite				
3290'	3820'	530'	Sandstone				
3820'	3880'	60'	Sandstone & Shale				
3880'	3900'	20'	Sandstone				
3900'	3940'	40'	Sandstone & Dolomite				
3940'	4060'	120'	Sandstone & Shale				
4060'	4115'	55'	Sandstone				
4115'	4200'	85'	Sandstone & Shale				
4200'	5460'	1260'	Sandstone				
5460'	5470'	10'	Limestone				
5470'	5480'	10'	Shale				
5480'	5490'	10'	Limestone				