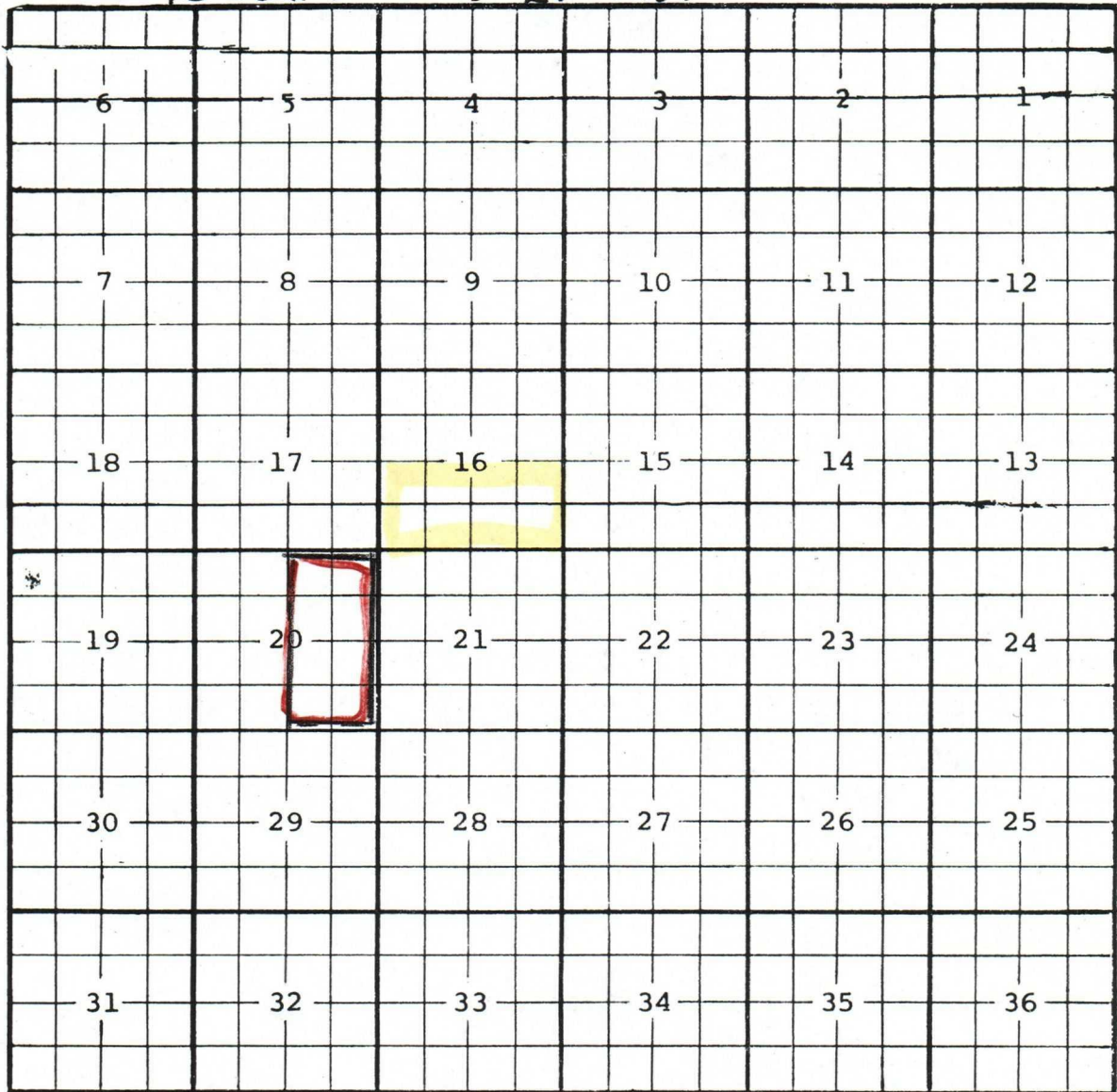


Sec : 16 Twp : 16S Rng : 27E Section Type : NORMAL

D 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89 A	C 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89	B 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89 A	A 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89
E 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89	F 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89	G 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89	H 40.00 CS LG6973 0002 EOG RESOURCES INC 09/01/89
L 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05	K 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05	J 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05	I 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05 A
M 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05	N 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05 A	O 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05	P 40.00 CS V05752 0000 CHASE OIL CORPORA 04/01/05

County Eddy Pool Duffield-Strawn Gas (96348)

TOWNSHIP 16 South Range 27 East NMPM

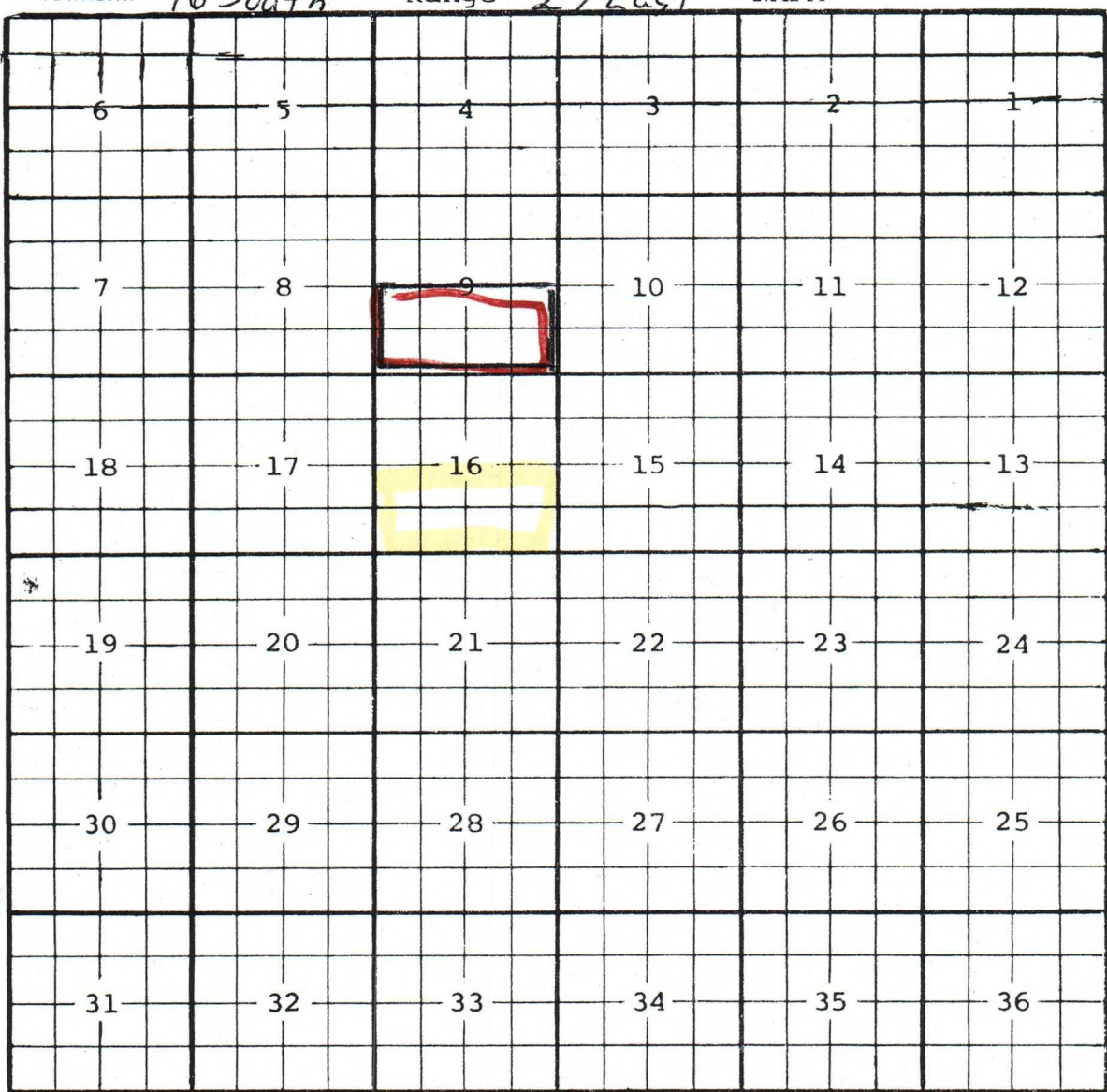


Description: E/2 Sec. 20 (R-10324, 3-7-95)

(96621)

County Eddy Pool North Duffield-Strawn Gas

TOWNSHIP 16 South Range 27 East NMPM



Description: 1/2 Sec. 9 (R-10724, 1-8-97)

Handwritten lines for additional notes or descriptions.

(97254)

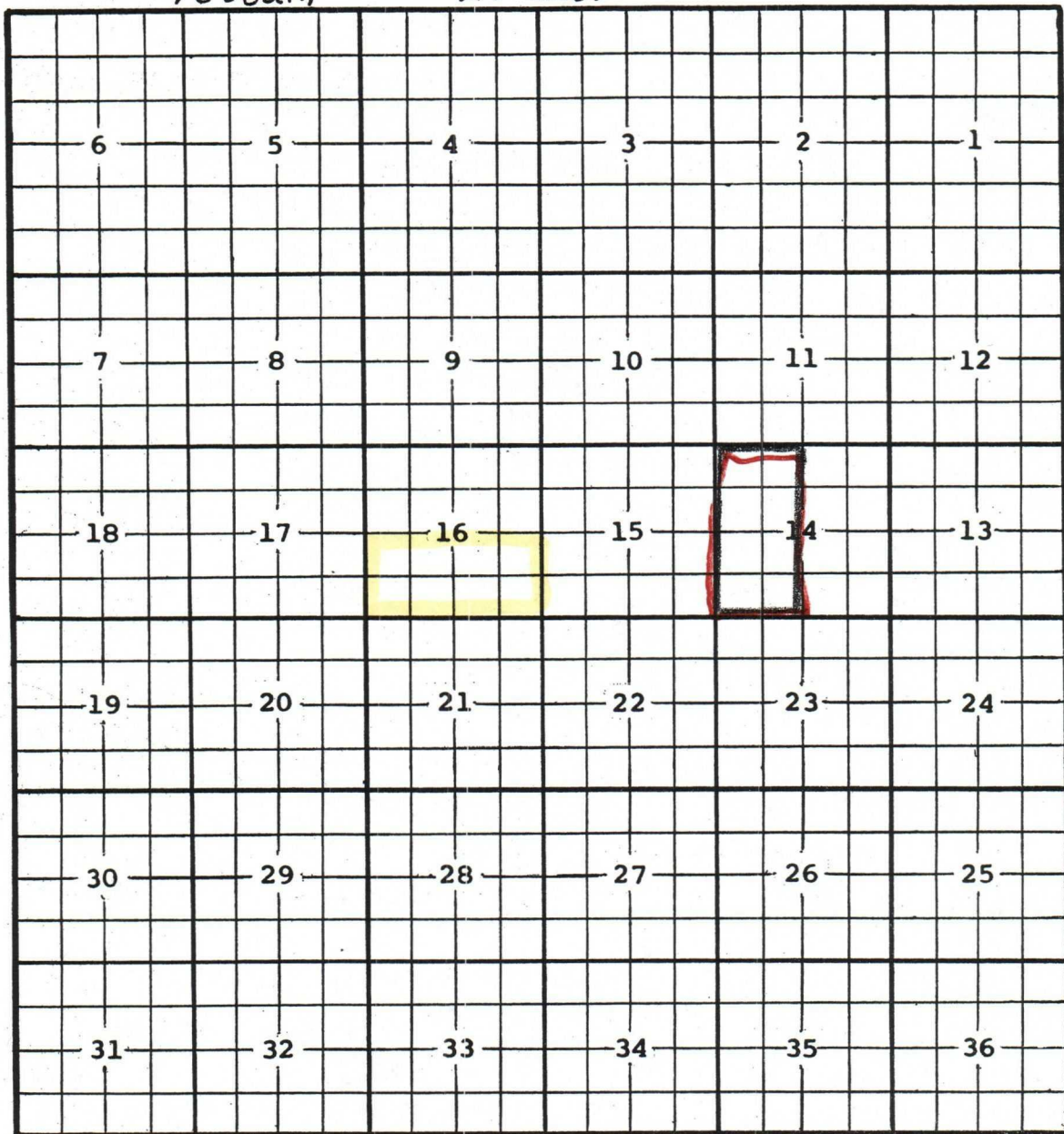
COUNTY Eddy

POOL Southwest Diamond Mound-Strawn Gas

TOWNSHIP 16 South

RANGE 27 East

NMPM



Description: 1/2 Sec. 14 (R-11921, 3-19-03)

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OPERATOR	☒

NEW MEXICO OIL CONSERVATION COMMISSION

OCT 29 1984
O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 1-4-85

30-015-25072

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
V-489

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Farm or Lease Name	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		Duffield "16" State Com	
2. Name of Operator		9. Well No.	
Southland Royalty Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
21 Desta Drive, Midland, Texas 79705		Diamond Mound (Atoka)-M	
4. Location of Well		12. County	
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE		Eddy	
AND 1980 FEET FROM THE West LINE OF SEC. 16 TWP. 16S RGE. 27E NMPM			
19. Proposed Depth		19A. Formation	
8800'		Atoka	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DP, RT, etc.)		22. Approx. Date Work will start	
3575.9' GR		11-12-84	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	350'	400 sx.	Circ.
12 1/4"	8 5/8"	24#	1500'	750 sx.	Circ.
7 7/8"	4 1/2"	10.5 & 11.6#	8800'	300 sx.	TOC @ 6000' by T

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt w/400 sx. Drill 12 1/4" hole to 1500'. Set 8 5/8" csg @ 1500'. Cmt w/750 sx. Drill 7 7/8" hole to TD to test the Atoka and intermediate horizons with shows. If commercial, run 4 1/2" csg to TD. Cmt w/sufficient volume to bring cmt above prospective zones. Estimated top of cmt @ 6000'. Perforate and stimulate.

MUD PROGRAM: 0-350' spud mud; 350-1500' brine; 1500-8000' fresh wtr; 8000-TD Cut brine, gel, Drispac, 3% KCl. MW 9-9.2. VIS 32-36, 6 cc. BHP @ TD anticipated to be 4400 psi.

BOP PROGRAM: BOP to be installed and tested after setting 8 5/8" cas & at 8000'. BOP to be tested by Yellow Jacket, Inc.

GAS NOT DEDICATED

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-30-85
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE, GIVE SLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Danell Roberts Title Operations Engineer Date 10-29-84

(This space for State Use)

APPROVED BY Original Signed By Mike Williams DATE OCT 30 1984

CONDITIONS OF APPROVAL, IF ANY: Oil & Gas Inspector Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing

Post ID-1
11-2-84
New loc + API

**NEW MEXICO OIL CONSERVATION COMM. ON
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator SOUTHLAND ROYALTY CO.			Lease DUFFIELD "16" State Com		Well No. 1
Unit Letter N	Section 16	Township 16S	Range 27E	County EDDY	
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the WEST line					
Ground Level Elev. 3575.9	Producing Formation Atoka		Pool Diamond Mound		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

SOUTHLAND ROYALTY CO. LG 6973 SOUTHLAND ROYALTY CO. LG 6973	SOUTHLAND ROYALTY CO. V-489 SOUTHLAND ROYALTY CO. V-489  1980' STATE 660' STATE
---	---

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Darrell Roberts

Name **Darrell Roberts**

Position **Operations Engineer**

Company **Southland Royalty Company**

Date **10-29-84**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **10/24/84**

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No **JOHN W. WEST, 676**

RONALD J. EIDSON, 3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101
Revised 1-1-83

REVISED LOCATION

O. C. D.
ARTESIA, OFFICE

3A. Indicate Type of Lease	STATE ☒	FEE ☐
5. State Oil & Gas Lease No.		
V-489		

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☒ OTHER ☐		8. Farm or Lease Name	
2. Name of Operator Southland Royalty Company		Duffield "16" State Com	
3. Address of Operator 21 Desta Drive, Midland, Texas 79705		9. Well No. 1	
4. Location of Well UNIT LETTER N LOCATED 990 FEET FROM THE South LINE AND 2180 FEET FROM THE West LINE OF SEC. 16 TWP. 16S RSE. 27E NMPM		10. Field and Pool, or Wildcat X Used Diamond Mound (Atoka) Map	
11. County Eddy		12. County Eddy	
19. Proposed Depth 8800'		19A. Formation Atoka	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3575.9' GR 3566.3'	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor	
22. Approx. Date Work will start 11-12-84			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	350'	400 sx.	Circ.
12 1/4"	8 5/8"	24#	1500'	750 sx.	Circ.
7 7/8"	4 1/2"	10.5 & 11.6#	8800'	300 sx.	TOC @ 6000' by T

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt w/400 sx. Drill 12 1/4" hole to 1500'. Set 8 5/8" csg @ 1500'. Cmt w/750 sx. Drill 7 7/8" hole to TD to test the Atoka and intermediate horizons with shows. If commercial, run 4 1/2" csg to TD. Cmt w/sufficient volume to bring cmt above prospective zones. Estimated top of cmt @ 6000'. Perforate and stimulate.

MUD PROGRAM: 0-350' spud mud; 350-1500' brine; 1500-8000' fresh wtr; 8000-TD Cut brine, gel, Drispac, 3% KCl. MW 9-9.2. VIS 32-36, 6 cc. BHP @ TD anticipated to be 4400 psi.

BOP PROGRAM: BOP to be installed and tested after setting 8 5/8" cas & at 8000'. BOP to be tested by Yellow Jacket, Inc.

GAS NOT DEDICATED

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5-13-85
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE SLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Danell Roberts Title Operations Engineer Date 11-6-84

(This space for State Use)

APPROVED BY Mike Williams TITLE Oil & Gas Inspector DATE NOV 13 1984

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Southland Royalty Co.			Lease Duffield "16" State Com		Well No. 1
Unit Letter N	Section 16	Township 16S	Range 27E	County Eddy	
Actual Footage Location of Well: 990 feet from the South line and 2180 feet from the West line					
Ground Level Elev. 3566.3	Producing Formation Atoka	Pool Diamond Mound		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

SOUTHLAND ROYALTY COMPANY LG 6973	SOUTHLAND ROYALTY COMPANY LG 6973	CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Darrell Roberts</i> Name Darrell Roberts Position Operations Engineer Company Southland Royalty Company Date 11-6-84
SOUTHLAND ROYALTY COMPANY V 489	SOUTHLAND ROYALTY COMPANY V 489	
		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Nov. 2, 1984 Registered Professional Engineer and/or Land Surveyor <i>John W. West</i> Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3259



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE
July 8, 1985

P.O. DRAWER DD
ARTESIA, NEW MEXICO 88210
(505) 748-1283

Southland Royalty Company
21 Desta Drive
Midland, Texas

RE: Duffield "16" State Com
#1-N-16-16S-27E
Diamond Mound-Atoka Morrow

Gentlemen:

One-hundred eighty days have elapsed since approval of Division Form C-101. Application For Permit To Drill for the subject well, and to date no progress reports, Forms C-103 have been received.

Therefore, Division approval of Form C-101 has now expired and no drilling operations are to be initiated or continued without further notice to and approval by the Division. Pending such approval, this will be considered an abandoned location.

Very truly yours,

Les A. Clements
Les A. Clements
Supervisor District II

Post ID-2
7-26-85
Exp. Int.

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NEW MEXICO OIL CONSERVATION COMMISSION
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AUG 08 1985
O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 1-1-83
30-015-25072
5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
V-489

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Firm or Lease Name Duffield "16" State Com.
2. Name of Operator Southland Royalty Company.		9. Well No. 1
3. Address of Operator 21 Desta Drive, Midland, Texas 79705		10. Field and Pool, or Wildcat Diamond Mound (Atoka)-M
4. Location of Well UNIT LETTER N LOCATED 990 FEET FROM THE South LINE AND 2180 FEET FROM THE West LINE OF SEC. 16 TWP. 16S RSE. 27E NMPM		12. County Eddy
19. Proposed Depth 8800'		19A. Formation Atoka
20. Rotary or C.T. Rotary		21. Elevations (Show whether D.F., R.T., etc.) 3575.9' BR 3566.3
21A. Kind & Status Plug. Bond Blanket		22. Approx. Date Work will start 11-12-84

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	350'	400 sx.	Circ.
12 1/4"	8 5/8"	24#	1500'	750 sx.	Circ.
7 7/8"	4 1/2"	10.5 & 11.6#	8800'	300 sx.	TOC @ 6000' by

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt w/400 sx. Drill 12 1/4" hole to 1500'. Set 8 5/8" csg @ 1500'. Cmt w/750 sx. Drill 7 7/8" hole to TD to test the Atoka and intermediate horizons with shows. If commercial, run 4 1/2" csg to TD. Cmt w/sufficient volume to bring cmt above prospective zones. Estimated top of cmt @ 6000'. Perforate and stimulate.

MUD PROGRAM: 0-350' spud mud; 350-1500' brine; 1500-8000' fresh wtr; 8000-TD Cut brine, gel, Drispac, 3% KCl. MW 9-9.2. VIS 32-36, 6 cc. BHP @ TD anticipated to be 4400 psi.

BOP PROGRAM: BOP to be installed and tested after setting 8 5/8" cas & at 8000'. BOP to be tested by Yellow Jacket, Inc.

GAS NOT DEDICATED

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2-15-86
UNLESS DRILLING UNDERWAY

Was Expired Intent

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Danell Roberts Title Operations Engineer Date 8-6-85

(This space for State Use)

Original Signed By

APPROVED BY Mike Williams
Oil & Gas Inspector

TITLE Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 5/8 casing

DATE AUG 15 1985

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

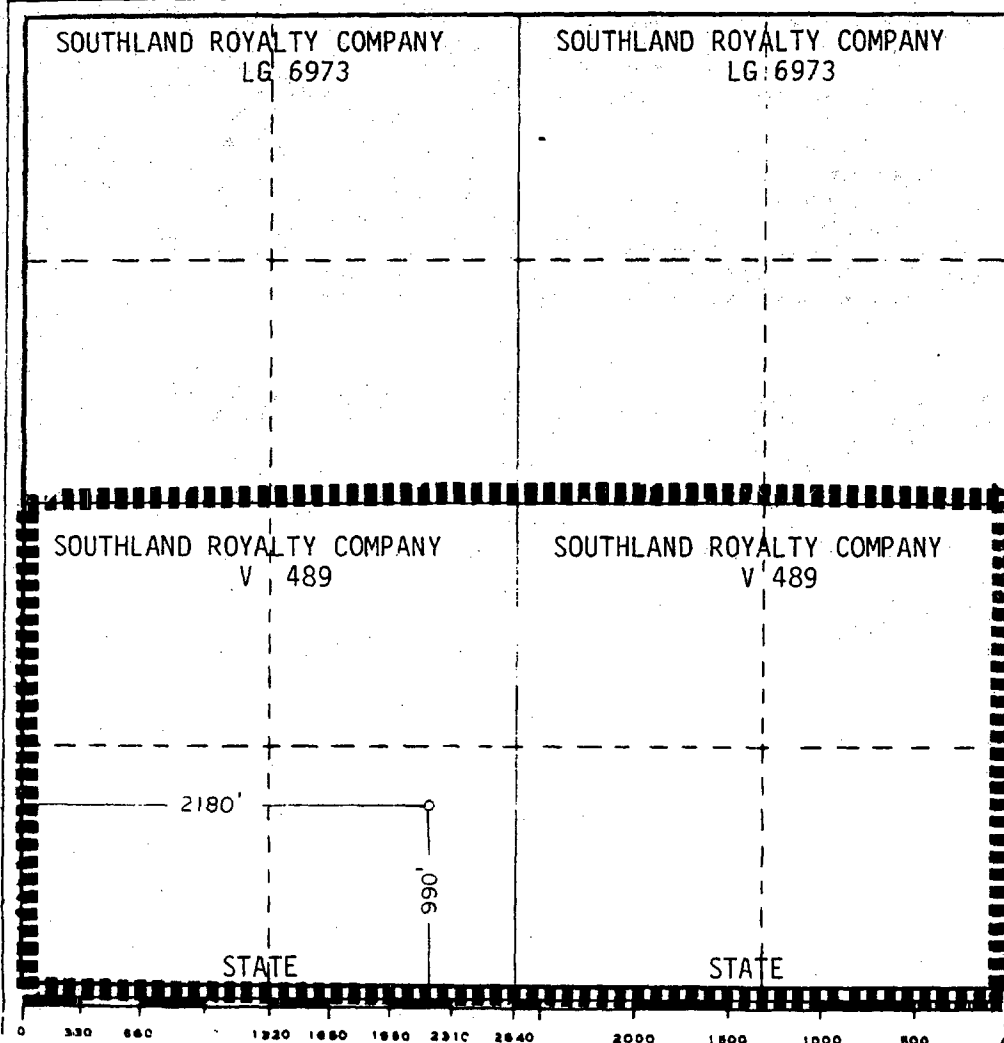
Operator Southland Royalty Co.		Lease Duffield "16" State Com		Well No. 1
Unit Letter N	Section 16	Township 16S	Range 27E	County Eddy
Actual Footage Location of Well: 990 feet from the South line and 2180 feet from the West line				
Ground Level Elev. 3566.3	Producing Formation Atoka	Pool Diamond Mound	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Darrell Roberts
Position
Operations Engineer
Company
Southland Royalty Company
Date
8-6-85

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Nov. 2, 1984
Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

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NEW MEXICO OIL CONSERVATION COMMISSION

SEP - 8 1985

O. C. D.
ARTESIA, OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
V-489

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR NOTICES TO FILE ON THE PRODUCTION OF A DIFFERENT RESERVOIR.
SEE APPLICATION FOR REMITTANCE OF PAYMENT FOR THE PRODUCTION OF A DIFFERENT RESERVOIR.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator	8. Form of Lease Name
Southland Royalty Company	Duffield "16" State C
3. Address of Operator	9. Well No.
21 Desta Drive, Midland, Texas 79705	1
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER N 990 FEET FROM THE South LINE AND 2180 FEET FROM	Diamond Mound (Atoka)
THE West LINE, SECTION 16 TOWNSHIP 16S RANGE 27E NMPM.	
11. Elevation (Show whether DF, KT, GR, etc.)	12. County
3566.3' GR	Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Set Surface Csg

ALTERING CASING
PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 17 1/2" hole 9-3-85. Set 13 3/8" 48# csg @ 360'. Cmt'd w/400 sxs C1 "C".
Circ 65 sxs. PD @ 5:45 AM 9-4-85. WOC 20 hrs. Test csg to 500#.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Danell Roberts TITLE Operations Engineer DATE 9/5/85

APPROVED BY Original Signed By
Les A. Clements TITLE Supervisor District II DATE

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Supersedes Old
C-102 and C-103
Effective 1-1-65

OCT 29 1985

O. C. D.
ARTESIA OFFICE

5a. Indicate Type of Lease
State ☒ For ☐

5. State Oil & Gas Lease No.
V-489

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PRODUCE TO BE SOLD OR TO BE USED IN NEW LOTS TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO PRODUCE OIL FOR SALE FOR SUCH PURPOSES.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator Southland Royalty Company	8. Name of Lease Name Duffield "16" State Co
3. Address of Operator 21 Desta Drive, Midland, Texas 79705	9. Well No. 1
4. Location of Well UNIT LETTER <u>N</u> <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>2180</u> FEET FROM THE <u>West</u> LINE, SECTION <u>16</u> TOWNSHIP <u>16S</u> RANGE <u>27E</u> NMPM.	10. Field and Foot, or Wildcat Diamond Mound (Aroka)
15. Elevation (Show whether DF, RT, GR, etc.) 3566.3' GR	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>Set 8 5/8" Csg</u> <u>xxx</u>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Set 8 5/8" 24# csg @ 1500'. Cmt w/450 sx Cl "C" Lite & 250 sxs Cl "C". PD @ 3:30 PM
9-6-85. Circ 129 sxs. Tested BOP to 3000#. Hydril to 1500#. Csg to 500#. WOC 22 hrs.
Held OK.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Danell Roberts TITLE Operations Engineer DATE 10/25/85

Original Signed By
Les A. Clements
Supervisor District 116

APPROVED BY DATE OCT 31 1985

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Form C-105
Revised 11-1-84

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

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
V-489

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Dry Hole
b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name
8. Form or Lease Name
Duffield "16" St Com
9. Well No.
1

2. Name of Operator
Southland Royalty Company
3. Address of Operator
21 Desta Drive, Midland, Texas 79705
4. Location of Well

10. Field and Pool, or Wildcat
Diamond Mound (Atoka)

UNIT LETTER N LOCATED 990 FEET FROM THE South LINE AND 2180 FEET FROM
THE West LINE OF SEC. 16 TWP. 16S RGE. 27E NMPM

12. County
Eddy

15. Date Spudded 9-3-85 16. Date T.D. Reached 9-25-85 17. Date Compl. (Ready to Prod.) Dry Hole 18. Elevation (D.F., R.R., RT, GR, etc.) 3566.3' GR 19. Elev. Casinghead

20. Total Depth 8800' 21. Plug back T.D. - 22. If Multiple Compl., How Many - 23. Intervals Drilled By Rotary Tools 0-TD Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
None 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run DLL/Micro-SFL, CNL/LDT 27. Was Well Cored No

28. 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#	360'	17 1/2"	400 sx C1 "C"	Circ.
8 5/8"	24#	1500'	12 1/4"	700 sx CL "C"	Circ.

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				N/A		

31. Perforation Record (Interval, size and number)
None 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
First ID-2
11-8-85
P+P

33. PRODUCTION
Date First Production Dry Hole Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)
Date of Test Hours Tested Choke Size Prod'n. For Test Period Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. Casing Pressure Casing Int. Pressure Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Cor.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

35. List of Attachments
C-103, C-104, C-102, Logs

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

Danell Roberts

TITLE Operations Engineer

DATE 10/16/85

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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All logs reported shall be measured by this. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple correlations, 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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>7900</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Aboka <u>8260</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>8580</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>650</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>984</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>1400</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>2750</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>4050</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>4830</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. <u>Morrow 8500</u>	T. Pennian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	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
0	1400	1400	Anhydrite & Sandstone				
1400	2750	1350	Dolomite				
2750	2900	150	Sandstone & Dolomite				
2900	4150	1250	Dolomite				
4150	4300	150	Sandstone & Dolomite				
4300	4850	550	Dolomite & Anhydrite				
4850	6150	1300	Shale & Dolomite				
6150	7050	900	Limestone				
7050	8800	1750	Limestone, Shale & Sandstone				

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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED BY

OCT 18 1985

O. C. D.
ARTESIA, OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease

State ☒

Free ☐

5. State Oil & Gas Lease No.

V-489

SUNDY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO ABANDON OR PLUG OR MOVE BACK TO A DIFFERENT RESERVOIR.
SEE "APPLICATION FOR PLUGGING" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER: <u>Plugged & Abandoned</u>	7. Unit Agreement Name
2. Name of Operator <u>Southland Royalty Company</u>	8. Farm or Lease Name <u>Duffield "16" St Com</u>
3. Address of Operator <u>21 Desta Drive, Midland, Texas 79705</u>	9. Well No. <u>1</u>
4. Location of Well UNIT LETTER <u>N</u> <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>2180</u> FEET FROM THE <u>West</u> LINE, SECTION <u>16</u> TOWNSHIP <u>16S</u> RANGE <u>27E</u> NMPM.	10. Field and Pool, or Wildcat <u>Diamond Mound (Atoka)</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3566.3' GR</u>	12. County <u>Eddy</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEC RULE 1103.

Spotted 35 sxs cmt from 8400-8300', 35 sxs 6090-5990', 35 sxs 4900-4800', 35 sxs 2750-2650', 45 sxs 1550-1450'. WOC 4 hrs. Tag plug @ 1450'. Spotted 35 sxs 410-310'. Set 10 sx plug @ surface & installed dry hole marker. Rlsd rig @ 12:00 Noon 10-1-85. Plugged & abandoned 10-1-85.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED: Danell Roberts TITLE: Operations Engineer DATE: 10-16-85

APPROVED BY: Danell Moore TITLE: Geologist DATE: 3/27/86

CONDITIONS OF APPROVAL, IF ANY: