

Form 3160-5  
(July 1989)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING  
OFFICE FOR NUMBER  
OF COPIES REQUIRED  
(Other instructions on reverse  
side)

BLM Roswell District  
Modified Form No.  
NMO60-3160-4

45F

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals.)

|   |  |  |                        |
|---|--|--|------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>Fed. 29-055648</b>                   |                        |
| 2. NAME OF OPERATOR<br><b>Southland Royalty Company</b>   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME   |                        |
| 3. ADDRESS OF OPERATOR<br><b>P.O. Box 51810, Midland, TX 79710-1810</b>   |  | 7. UNIT AGREEMENT NAME   |                        |
| 3a. AREA CODE & PHONE NO.<br><b>915-686-5714</b>  |  | 8. FARM OR LEASE NAME<br><b>Keohane etal A Federal</b>                         |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>Unit L 1980' FSL &amp; 660' FWL</b> |  | 9. WELL NO.<br><b>2</b>  |                        |
|   |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Shugart (Y, SR, Q, G)</b>                 |                        |
|   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>Sec. 28, T18S, R31E</b> |                        |
| 14. PERMIT NO.  | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>3643'</b> | 12. COUNTY OR PARISH<br><b>Eddy</b>  | 13. STATE<br><b>NM</b> |

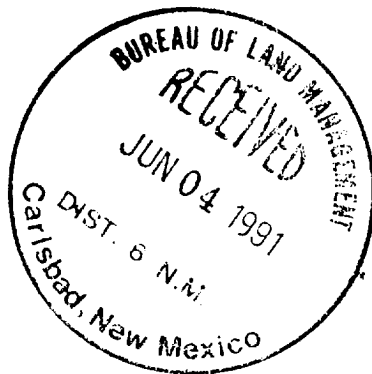
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO:                      |   | SUBSEQUENT REPORT OF:                                  |  |
|--|---|--|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>                | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input checked="" type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>         | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) <input type="checkbox"/>                       | (Other) <input type="checkbox"/>         |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See Attachment.



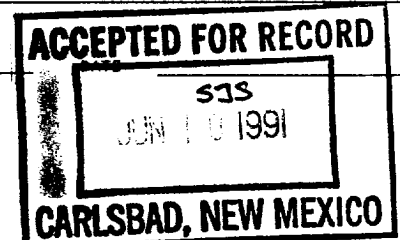
18. I hereby certify that the foregoing is true and correct

SIGNED Connie Malik TITLE Reg. Analyst DATE 5/28/91

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



05/22/91  
13:01:02.6

MERIDIAN OIL COMPANY  
DAILY DRILLING REPORT  
WORKING INTEREST WELLS  
H I S T O R Y

DDR107NB-C  
PAGE: 1

| WELL NAME | S |          |       |
|-----------|---|----------|-------|
| OPERATOR  | T |          |       |
|           | A |          |       |
|           | T |          |       |
|           | U |          |       |
|           | S | MOI PART | DP-NO |
| -----     | - | -----    | ----- |

DIST: MIDLAND  
ST : NM CNTY: EDDY

KEOHANE ET AL A FED 2  
SOUTHLAND ROYAL

PROP TD :  
PROSPECT: O P 100.00% 39281

3-01-91

TD: 3,681 PBD: 3,490 SPUD DATE: 12-04-61  
UNIT: L SEC: 28 TWN: 018S RNG: 031E  
LOCATION : 1980 FSL & 660 FWL  
PROP FORM: YATES/QUEEN  
PROP FLD : SHUGART

\*\*\*\*\* F I R S T R E P O R T \*\*\*\*\*

INITIATE WORK TO ADD YATES & REFRAC QUEEN. PERF QUEEN. ROAD TO LOCAT-  
ION. RU. MI 2-3/8" J-55 TBG. NU BOP. GIH W/ 3-7/8" BIT, 4-1/2" SCRAP-  
ER & 110 JTS 2-3/8" J-55 TBG TO 3520'. TOH. GIH W/ 4-1/2" CIBP 110  
JTS 2-3/8", SET CIBP @ 3450'. TOH. SDFN.  
AFE-NO: L829 AFE COST: \$ 91,000 PROPERTY: 0-024278-06  
ECC: \$ 4,585

05/22/91  
13:01:02.6

MERIDIAN OIL COMPANY  
DAILY DRILLING REPORT  
WORKING INTEREST WELLS  
H I S T O R Y

DDR107NB-C  
PAGE: 2

| WELL NAME | S |   |          |       |
|-----------|---|---|----------|-------|
| OPERATOR  | T | A |          |       |
|           | Y | T |          |       |
|           | P | U |          |       |
|           | E | S | MOI PART | DP-NO |

3-02-91

TD: 3,681 PBD: 3,490

TOH & PERF YATES. RU HOLMES. PERF QUEEN 3222-35' & 3341-51'. GIH W/ 4-1/2" PKR & 2-3/8" TBG TO 3400'. TEST CIBP TO 3000#. PU TO 3096'. BROKE PERFS W/TRTD 2% KCL & 83 BS. AVG 2700#, AIR 4, ISIP 630#, 5 MIN 360#, 15 MIN 250#. SOME BALL ACTION. REL PKR, RUN THRU PERFS, RESET @ 3096'. FRAC W/2000 GAL SCALE TREATMENT & 14,000 GAL 70% W2 FOAM, 29,000# 12/20 OTTAWA. SANDED OUT @ END OF 5# STAGE. RD WESTERN. OPEN UP TO PIT ON 1/4" CHOKE @ 1800#. HAD SOME TROUBLE W/CHOKE PLUGGING W/ FRAC BALLS. LEFT WELL FLOWING @ 250#. SDFN.

AFE-NO: L829 AFE COST: \$ 91,000 PROPERTY: 0-024278-06

ECC: \$ 7,960

3-03-91 3-04-91

TD: 3,681 PBD: 3,490

GIH W/BIT & DC'S. WELL DEAD. REL PKR, POH. RU WIRELINE. SET CIBP @ 3110'. PERF 2441-2578' 2/FT, 111 HOLES. GIH W/ 4-1/2" PKR ON 2-7/8" N-80 WORK STRING (84 JTS). TEST CIBP TO 3000#. PULL PKR TO 2348'. RU WESTERN, TRTD W/2400 GAL 2% KCL & 144 BS. MAX 4250#, AVG 3600#, AIR STARTED @ 7.7 DOWN TO 3.4 AS BALLS HIT, ISIP 1760#, 15 MIN 1680#. REL PKR, RUN THRU PERFS, RESET @ 2348'. PUMPED 2000 GAL SCALE TREAT. SD BEFORE STARTING PAD TO CHECK ISIP 1760#. BTM HOLE FRAC PRESSURE 2740# JOB DESIGNED FOR 1600#., CALLED RICH, CALLED FRAC OFF. RD WESTERN. REL PKR. POH. LD 2-7/8" N-80. SD TIL MONDAY. TOTAL LOAD 2 DAYS 337 BBLs.

AFE-NO: L829 AFE COST: \$ 91,000 PROPERTY: 0-024278-06

ECC: \$ 50,954

05/22/91  
13:01:02.8

MERIDIAN OIL COMPANY  
DAILY DRILLING REPORT  
WORKING INTEREST WELLS  
H I S T O R Y

DDR107NB-C  
PAGE: 3

| WELL NAME | S |          |       |
|-----------|---|----------|-------|
| OPERATOR  | T |          |       |
|           | A |          |       |
|           | T |          |       |
|           | U |          |       |
|           | S | MOI PART | DP-NO |

3-05-91

TD: 3,681 PBTD: 3,490

TRIP, RU REVERSE UNIT. GIH W/ 3-7/8" BIT, 4 3-1/8" DC'S. TAG @ 3108'.  
RU FOAM, UNLOAD HOLE. DRLD TO CIBP. CIBP RELEASED, WENT TO 3117'.  
TURNING ON SAND, DRLD ON IT FOR 7-1/2 HRS. START OUT OF HOLE TO CHECK  
BIT. SDFN. HAVE 200' OF SAND, WILL TRY TO WASH AROUND PLUG BTM W/  
REVERSE UNIT.

AFE-NO: L829 AFE COST: \$ 91,000 PROPERTY: 0-024278-06

ECC: \$ 55,689

3-06-91

TD: 3,681 PBTD: 3,490

TOH W/BIT, RUN PROD TBG. TOH, BIT MISSING INNER TEETH. REPLACED. GIH  
W/ 3-7/8" BIT, 4 3-1/8" DC'S. TAG @ 3117'. RU REVERSE UNIT. DRLD CIBP  
TURNED LOOSE, WENT TO 3402'. DRLD REMAINDER OF CIBP & CO TO 3480'. RD  
SWIVEL. PULLED ABOVE PERFS. SDFN.

AFE-NO: L829 AFE COST: \$ 91,000 PROPERTY: 0-024278-06

ECC: \$ 59,349

05/22/91  
13:01:02.9

MERIDIAN OIL COMPANY  
DAILY DRILLING REPORT  
WORKING INTEREST WELLS  
H I S T O R Y

DDR107NB-C  
PAGE: 4

| WELL NAME | S |   |          |       |
|-----------|---|---|----------|-------|
| OPERATOR  | T | A |          |       |
|           | Y | T |          |       |
|           | P | U |          |       |
|           | E | S | MOI PART | DP-NO |

3-07-91

TD: 3,681 PBD: 3,490

\*\*\*\*\* T E M P O R A R I L Y D R O P P E D \*\*\*\*\*

TEMPORARILY DROPPED FROM REPORT ON 03/07/91

TURN TO PROD. POH, LDDC. GIH W/PROD TBG & RODS. SPACED OUT. COULD NOT  
RD DUE TO WIND. TURN TO PROD.

100 JTS 2-3/8" J-55 3171.78

SN 1.10

PERF NIPPLE 4.10

KB 10.00

3225.43

2 X 1-1/4 X 12 RHBC

96 5/8 KD 90 NORRIS

29 3/4 90 NORRIS

8' & 4' SUB

16' POLISH ROD

AFE-NO: L829 AFE COST: \$ 91,000 PROPERTY: 0-024278-06

ECC: \$ 78,512