Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1988

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM-LC065710A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WORK: DRILL [X] (Re-entry) DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: LUSK DEEP UNIT A

2. NAME OF OPERATOR: PARKER & PARSLEY DEVELOPMENT LP

9. WELL NO.: 7

3. ADDRESS OF OPERATOR: P. O. BOX 3178 MIDLAND, TEXAS 79702

10. FIELD AND POOL, OR WILDCAT: LUSK DELAWARE, WEST

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: UNIT L, SEC 20, 19S, 32E 1650' FSL & 990' FWL
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 20, 19S, 32E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 40 MILES WEST/SOUTHWEST FROM HOBBS

12. COUNTY OR PARISH: LEA

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 990'

16. NO. OF ACRES IN LEASE: 640

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 2200' SW of Lusk Deep Unit 4A

19. PROPOSED DEPTH: +/- 3600'

20. ROTARY OR CABLE TOOLS: R

21. ELEVATIONS (Show whether DF, RT, GR, etc.): ~~UNKNOWN~~ 3567.7' (SEE SURVEYOR PLAT).

22. APPROX. DATE WORK WILL START*: 6-26-96

23. EXISTING ~~PROPOSED~~ CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5	747	775
12 1/4"	8 5/8"	24	3796	2350

See attached proposed workover (re-entry) procedure to test water production capability of Seven Rivers (Reef) formation.

OPER. OGRID NO. 36324
PROPERTY NO. 18278
POOL CODE 41540
EFF. DATE 7/22/96
API NO. 30-025-20874

Subject to General Requirements and Special Stipulations Attached

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Richard W. Thomson Richard W. Thomson TITLE Sr. Operations Engr DATE 6-20-96

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY /s/ TIMOTHY J. BURKE TITLE Acting AREA MANAGER DATE JUL 16 1996

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
30-025-20874	41540	LUSK DELAWARE, WEST

⁴ Property Code	⁵ Property Name	⁶ Well Number
018278	LUSK DEEP UNIT	7

⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
036324	PARKER & PARSLEY DEVELOPMENT LP	Unknown

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	19S	32E		1650	South	990	West	Lea

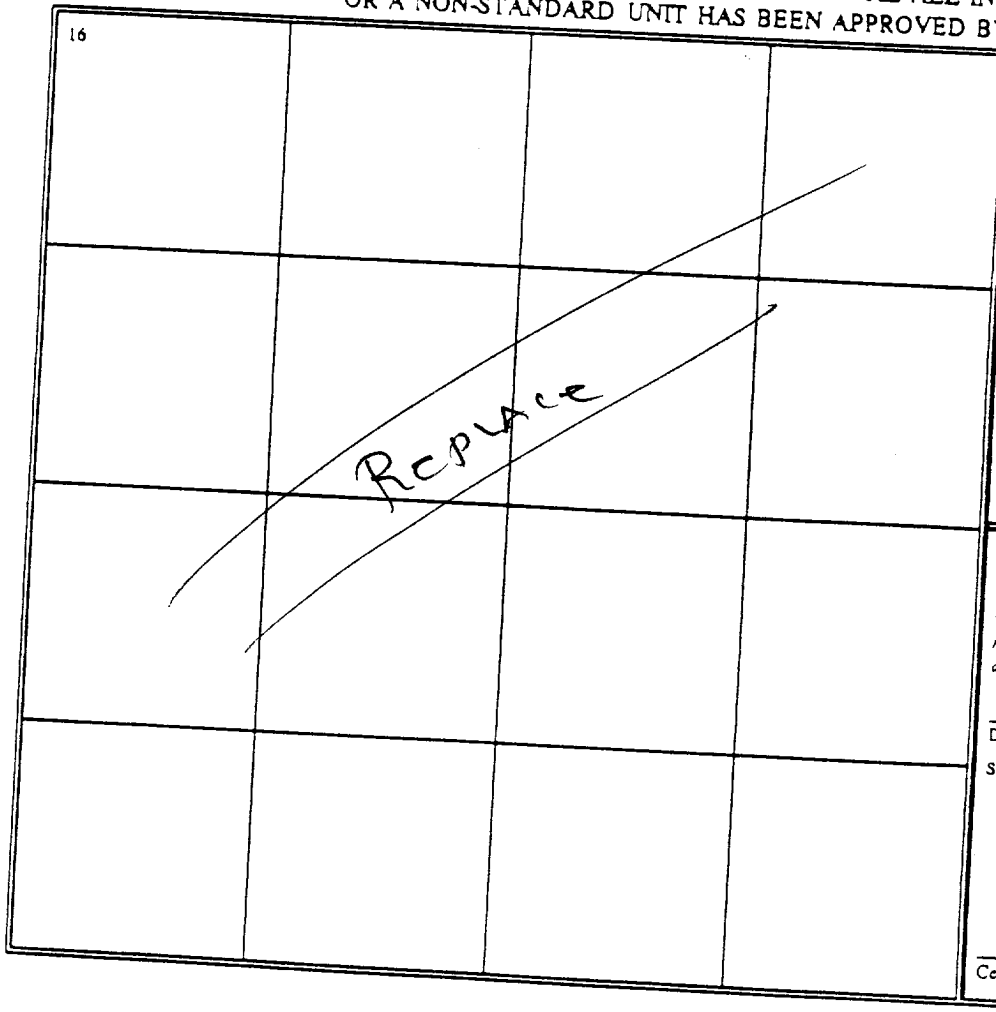
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



¹⁷ OPERATOR CERTIFICATION

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

Richard W. Thomson
Signature

Richard W. Thomson
Printed Name

Sr. Operations Engineer
Title

6-20-96
Date

¹⁸ SURVEYOR CERTIFICATION

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 belief.

Date of Survey

Signature and Seal of Professional Surveyer:

Certificate Number

Re-entry to Test Seven Rivers
Lusk Deep Unit #7
Unit "L", Sec., 20, T - 19 - S, R - 32 - E
Lea County, New Mexico

1. Weld on 8 5/8" csg. stub and flange for B.O.P.

2. Drill out the following cement plugs : (10sx @ surface), (25sx @ 700' - 800'), (25sx @ 2400' - 2500'), (and clean out to top of bottom cement plug in 8 5/8" csg. (estimated to be @ 3600').

3. R.U. Halliburton and run cement bond and GR / CCL logs . Run bond log from P.B.T.D. @ 3600' to surface. Run GR / CCL from (3470' - 2800'). POOH w/ logging tools. Pressure test csg. to +/- 500psig.

4. R.U Halliburton and spot 1500 gals. 15% DI - HCL acid blend across zones to be perforated : (2920' - 3458').

5. R.U. Halliburton and perforate the following zones in acid - from the top down - @ 4 JSPF : (2920' - 28'), (2960' - 68'), (2984' - 96'), (3002' - 10'), (3122' - 30'), (3134' - 42'), (3152' - 60'), (3198' - 3206'), (3220' - 28'), (3330' - 38') and (3450' - 58') using 4" csg. guns (0.45" diam. - 15" penetration) 412 HOLES, 90 - DEGREE PHASING. POOH W/ PERF GUNS. GIH W/ 2 7/8" W.S. AND FLUSH ACID TO BOTTOM PERF W/ 2% KCL WATER.

6. Swab test well. If water production rate is sufficient (+/- 175 BW/HR), then POOH w/ W.S. & T.A. well for future use in planned waterflood. If water production is not sufficient, complete steps 7 through 9.

7. POOH w/ 2 7/8" W.S. GIH w/ 8 5/8" treating pkr. on 2 7/8" W.S. & set pkr. @ 2800'. Load annulus w/ 2% KCL water and monitor pressure. R.U. Halliburton and acidize zones (2920' - 3458') w/ 5,000 gals. 15% DI - HCL acid + additives + 2,000 lbs. rock salt diverter as follows :

   Pump 1,000 gals. acid blend
   Pump 500 gals. saturated brine (gelled to 25cp viscosity) containing 1 ppg rock salt
   Pump 1,000 gals. acid blend
   Pump 500 gals. saturated brine (gelled to 25cp viscosity) containing 1 ppg rock salt
   Pump 1,000 gals. acid blend
   Pump 500 gals. saturated brine (gelled to 25cp viscosity) containing 1 ppg rock salt
   Pump 1,000 gals. acid blend
   Pump 500 gals. saturated brine (gelled to 25cp viscosity) containing 1 ppg rock salt
   Pump 1,000 gals. acid blend

   Flush to bottom perf w/ 2% KCL water. Swab well to clean up. If water production is sufficient (+/- 175 BW/HR), then release pkr., POOH w/ W.S. & pkr. & TA well for future use in planned waterflood.

   NOTE: It may be necessary to circulate fresh water in well to dissolve rock salt diverter prior to releasing pkr. if water rate is not sufficient.

FORM C-128
Revised 8/1/57

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

HOBBS OFFICE O. C. C.
FEB 11 10 19 AM '64

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator	Lease	Well No.
SOUTHERN NEW MEXICO OIL COMP	LUSK DEEP UNIT	7

Unit Letter	Section	Township	Range	County
L	20	19 SOUTH	32 EAST	LEA

Actual Footage Location of Well:
990 feet from the WEST line and 1650 feet from the SOUTH line

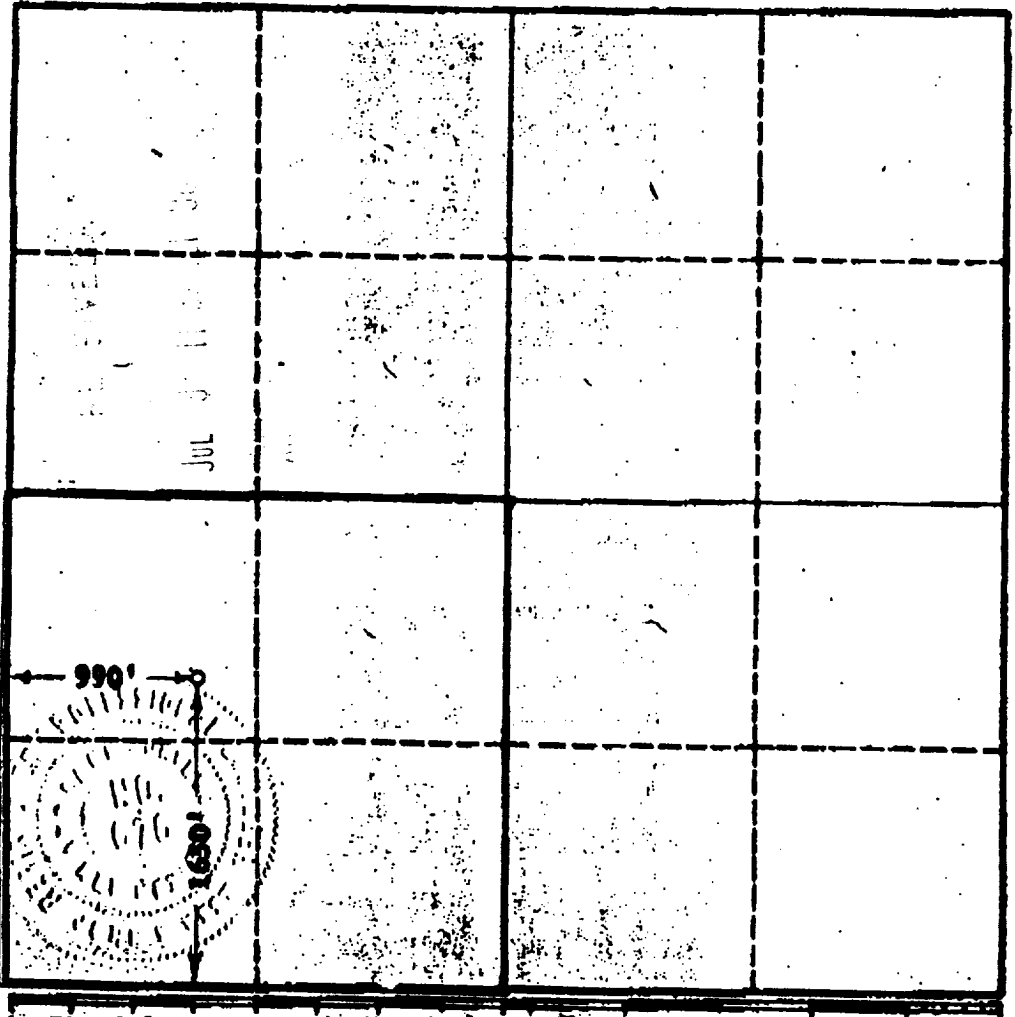
Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3567.7	STRAWN	LUSK STRAWN	160 (NW¼) Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO _____. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

FEB 4 1964
U. S. G.

SECTION B



CERTIFICATION

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

Name: John W West
Position: AGENT
Company: SOUTHERN NEW MEXICO OIL COM
Date: FEB. 3, 1964

I hereby certify that the well location shown on the plat in *SECTION B* 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: FEB. 3, 1964
Registered Professional Engineer and/or Land Surveyor, JOHN W WEST
Certificate No. N. M. P.E. & L.S. NO. 676