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
P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator name and Address	[2] OGRID Number
MOBIL EXPLORATION & PRODUCING U.S. INC., AS AGENT FOR MOBIL PRODUCING TEXAS & NEW MEXICO INC. P.O. BOX 633, MIDLAND, TX 79702	15144
	[3] API Number 30-0 025-02128

[4] Property Code	[5] Property Name	[6] Well Number
	BRIDGES STATE	95

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	26	T-17-S	R34E		806	SOUTH	660	EAST	LEA

[8] Proposed 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

[9] Proposed Pool 1	[10] Proposed Pool 2
Vacuum Blinebry	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	I		S	4003
[16] Multiple	[17] Proposed Depth	[18] Formations	[19] Contractor	[20] Spud Date
N	TD13816/PBTD6640	BLINEBRY		

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	13-3/8	48	350	350 SX	CIRC
	9-5/8	40	4400	360 SX	CIRC
	7	23,26,29,32	13816	2750 SX	CIRC
	5-1/2 LINER		8149-12500	250 SX	CIRC TO 8149

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

WELL CURRENTLY NORTH VACUUM ABO UNIT #95W. REQUEST TO PB TO BLINEBRY AS PRODUCER.
PBTD CURRENTLY @8620. WILL SET CIBP @ 8260; ANOTHER CIBP @ 6640; PERF BLINEBRY 6350-6524.
ACIDIZE.

FOR COMPLETE DETAILED PROCEDURE, SEE ATTACHMENT.
ALSO ATTACHED CURRENT & PROPOSED WELLBORE SKETCHES.

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

Signature: Kaye Pollock-Lyon

Printed name: KAYE POLLOCK-LYON

Title: ENV. & REG. TECHNICIAN

Date: 08-26-94

Phone: 915-688-2584

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: SEP 07 1994

Expiration Date:

Conditions of Approval:

Attached ☐

CURRENT LEASE: NORTH VACUUM ABO #95

PROPOSED LEASE: BRIDGES STATE #95

LEA COUNTY, NEW MEXICO

PROCEDURE FOR RECOMPLETION TO BLINEBRY OUT OF CURRENT VACUUM (ABO)

Procedure:

1. MIRU PU. BLEED-DOWN WELL. ND WH. NU BOP. RELEASE PKR, POH W/ TBG.

2. MIRU WL COMPANY. GIH W/ 5-1/2" (17#) 10,000 PSI WP CIBP ON WL. SET CIBP @ ±8,260' USING SLOW-BURN CHARGE. CAP W/ 20' CMT. GIH W/ 7" (26#) 10,000 PSI WP CIBP ON WL. SET CIBP @ 6,640' USING SLOW-BURN CHARGE. (NOTE: COLLARS @ 6626' & 6665') POH. RDMO WL. (NOTE: USE CIBP WL DEPTH FOR DEPTH CONTROL IN STEP #5)

3. TEST 7" CSG TO 500 PSIG. IF CSG OK, CONTINUE W/ PROCEDURE, OTHERWISE GIH W/ 7" PKR (26#/FT CSG) ON 2-3/8" TBG TO 6600'. TEST CIBP. IF OK, THEN PUH AND ISOLATE TOP AND BOTTOM LEAK. DRILLING DEPT AND OPER ENGINEERING TO DETERMINE STEPS TO REPAIR SAME.

4. GIH W/ 4" DECENTRALIZED CSG GUN W/ 23g JRC PREMIUM CHARGES AND PERFORATE THE FOLLOWING BLINEBRY INTERVALS W/ 2 JSPF, 0 DEG PHASING;

>>> 6500'- 6524'; 24 FEET; 49 HOLES
>>> 6477'- 6496'; 19 FEET; 39 HOLES
>>> 6416'- 6460'; 44 FEET; 89 HOLES
>>> 6380'- 6402'; 22 FEET; 45 HOLES
>>> 6350'- 6370'; 20 FEET; 41 HOLES

TOTAL ; 129 FEET; 263 HOLES

CORRELATE TO SCHLUMBERGER PDC LOG DATED 9/7/62.

5. GIH W/ 7" RBP (W/ 400 CAPACITY BALL CATCHER) & RTTS PKR ON 2-3/8" TBG (W/ SN) TO TOP OF CIBP @ 6640', TAG LIGHTLY, USE FOR DEPTH CORRELATION. PUH AND SET RBP @ ±6,560'. TEST RBP TO 4000 PSIG. PUH TO 6524'.

6. MIRU DS. SPOT A BALANCED VOLUME OF 200 GALS 15% NEFE HCL ACROSS PERFS 6477'- 6524' OA. PU TO 6470', REV CIRC EXCESS ACID INTO TBG, THEN SET PKR. LOAD BACKSIDE & MONITOR FOR ACID JOB. ACIDIZE PERFS 6,477' - 6,524' w/ 4,500 GALS 15% HCL ACID AS FOLLOWS:

-BREAKDOWN PERFS W/ SPOT ACID
-PUMP 1200 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1100 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1100 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1100 GALS ACID
-FLUSH TO BOTTOM PERF W/ 27 BBLS CLEAN FRESH WATER.

OBTAIN ISIP, 5, 10, 15 MIN. SITP's. **MAX PRESS = 3000 PSIG. MAX RATE = F(P).**

7. SWAB WELL TO RECOVER LOAD AND TO DETERMINE IF OIL PRODUCTIVE.

8. RELEASE PKR AND LATCH RBP. MOVE RBP AND SET @ 6470'. PU TO 6460'.

9. MIRU DS. SPOT A BALANCED VOLUME OF 200 GALS 15% NEFE HCL ACROSS PERFS 6460'- 6416'. PU TO 6410', REV CIRC EXCESS ACID INTO TBG, THEN SET PKR. LOAD BACKSIDE & MONITOR FOR ACID JOB. ACIDIZE PERFS 6,416' - 6,460' w/ 6,000 GALS 15% HCL ACID AS FOLLOWS:

-BREAKDOWN PERFS W/ SPOT ACID
-PUMP 1500 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1500 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1500 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1500 GALS ACID
-FLUSH TO BOTTOM PERF W/ 27 BBLS CLEAN FRESH WATER.

OBTAIN ISIP, 5, 10, 15 MIN. SITP's. **MAX PRESS = 4000 PSIG. MAX RATE = F(P).**

10. RELEASE PKR AND LATCH RBP. MOVE RBP AND SET @ 6410'. PU TO 6402'.

11. MIRU DS. SPOT A BALANCED VOLUME OF 200 GALS 15% NEFE HCL ACROSS PERFS 6402'- 6350'. PU TO 6300', REV CIRC EXCESS ACID INTO TBG, THEN SET PKR. LOAD BACKSIDE & MONITOR FOR ACID JOB. ACIDIZE PERFS 6,350' - 6,402' w/ 6,000 GALS 15% HCL ACID AS FOLLOWS:

-BREAKDOWN PERFS W/ SPOT ACID
-PUMP 1500 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1500 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1500 GALS ACID
-DROP 40-7/8", 1.3 SG RCNBS EVENLY DISTRIBUTED IN 1 BBL ACID
-PUMP 1500 GALS ACID
-FLUSH TO BOTTOM PERF W/ 28 BBLS CLEAN FRESH WATER.

OBTAIN ISIP, 5, 10, 15 MIN. SITP's. **MAX PRESS = 4000 PSIG. MAX RATE = F(P).**

12. RELEASE PKR AND LATCH RBP. MOVE RBP AND SET @ 6470'. PUH TO 6300' AND SET PKR.

13. SWAB WELL TO RECOVER LOAD AND TO DETERMINE IF OIL PRODUCTIVE.

14. RELEASE PKR, LATCH RBP AND POH.

15A. IF ALL ZONES ARE OIL PRODUCTIVE, THEN GOTO STEP #16.

15B. IF ONLY LOWER INTERVAL IS WET, THEN SET CIBP @ 6470' AND GOTO STEP #16.

15C. IF ALL INTERVALS ARE NON-PRODUCTIVE, THEN RDMO PU AND SHUT WELL IN PENDING P & A PROCEDURE.

16. RIH W/ FOLLOWING TBG DETAIL:

-2-7/8" X 31' BPMA
-2-7/8" X 4' PERF SUB
-X-O
-2-3/8" SN
-2-3/8" X 7" TAC
-±6300' 2-3/8", 4.7# 8RD EUE TBG.

17. RIH W/ FOLLOWING ROD DETAIL:

-2" x 1-1/4" INSERT PUMP W/ 8'X 1" GAS ANCHOR
-(175) 4375' - 3/4" X 25' GRADE D STEEL RODS
-(77) 1925' - 7/8" X 25' GRADE D STEEL RODS

NOTE: PUMP CAPACITY = 140 BPD @ 7 SPM & 144" SL.

18. ND BOP. NU WH. RDMO PU. Put well on test.

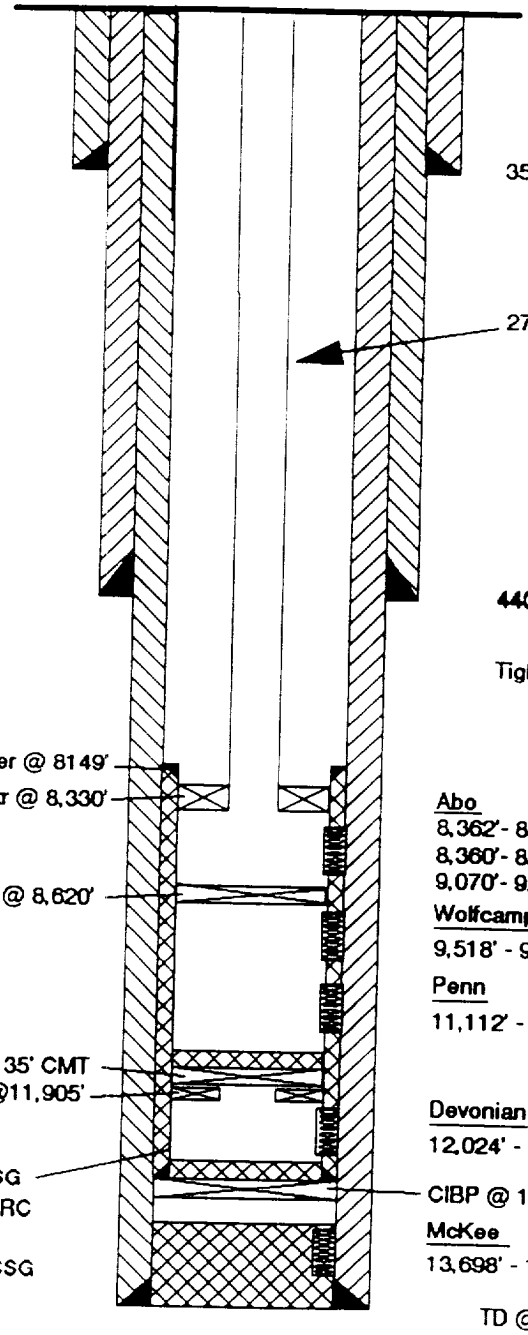
JLPerez 8-5-94
M421820A.JLP

NORTH VACUUM ABO UNIT #95 WIW
NORTH VACUUM (ABO) FIELD
LEA COUNTY, NEW MEXICO

PRISM ID #0008894
API #30-025-02128-00

CURRENT COMPLETION

GL - 4003'
KB - 13' AGL



13 3/8" 48# H-40
cmt w/ 350 sx (circ)

358'

7" CSG WEIGHT	
WT.	DEPTH
23#	0 - 6628'
26#	6628'- 9243'
29#	9243'- 12,085'
32#	12,085'- 13,816'

274 jts 2-3/8" tbg

9 5/8" 40# J-55,STC
cmt w/ 3600 sx (circ)

4400'

Tight spot @ 6987'

BOT Type C Mod Liner Hanger @ 8149'
5-1/2" Baker AD-1 Tension Pkr @ 8,330'

CIBP @ 8,620'

CIBP @ 11,898' CAPPED W/ 35' CMT
Baker Mod N Perm pkr @11,905'

5-1/2", 17# N-80 FL-4S FJ CSG
@12,500' W/ 250 SX, CMT CIRC

7" 23,26,29,32# N-80 CSG
cmt w/ 2750 sx (circ)

Abo
8,362'- 8,451' sqz w/ 250 sx, did not hold
8,360'- 8,520' OA, 1 jspf
9,070'- 9,199' sqz w/ 250 sx, did not hold

Wolfcamp
9,518' - 9,986' OA, 103 holes, sqz'd w/ 250 sx

Penn
11,112' - 11,122' 11 holes, sqz'd w/ 70 sx

Devonian
12,024' - 12,199' OA, 4 jspf, 411 holes

CIBP @ 12,500' Capped W/ 50' CMT

McKee
13,698' - 13,750'

TD @ 13,816'

JL PEREZ
7/26/94

BRIDGES STATE #95
VACUUM (BLINEBRY) FIELD

LEA COUNTY, NEW MEXICO

PRISM ID #0006894
API #30-025-02128-00

PROPOSED COMPLETION

GL - 4003'
KB - 13' AGL

13 3/8" 48# H-40
cmt w/ 350 sx (circ)

358'

7" CSG WEIGHT	
WT.	DEPTH
23#	0 - 6628'
26#	6628' - 9243'
29#	9243' - 12,085'
32#	12,085' - 13,816'

2-3/8" tbg

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cmt w/ 3600 sx (circ)

TAC @ ±6300'

4400'
Blinebry
6350' - 6370'; 20 ft; 41 holes
6380' - 6402'; 22 ft; 45 holes
6416' - 6460'; 44 ft; 89 holes
6477' - 6496'; 19 ft; 39 holes
6500' - 6524'; 24 ft; 49 holes
Tight spot @ 6987'

CIBP @ 6640'
BOT Type C Mod Liner Hanger @ 8149'
CIBP @ 8260'

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JL PEREZ
7/26/94

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PO Box 1980, Hobbs, NM 88241-1980
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Revised February 10, 1994
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☐ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-02128		VACUUM (BLINEBRY)

Property Code	Propery Name	Well Number
	BRIDGES STATE	95

OGRID No.	Operator Name	Elevation
	MOBIL EXLPLORATION & PRODUCING U.S. INC., AS AGENT FOR MOBIL PRODUCING TEXAS & NEW MEXICO	

[10] Surface Location

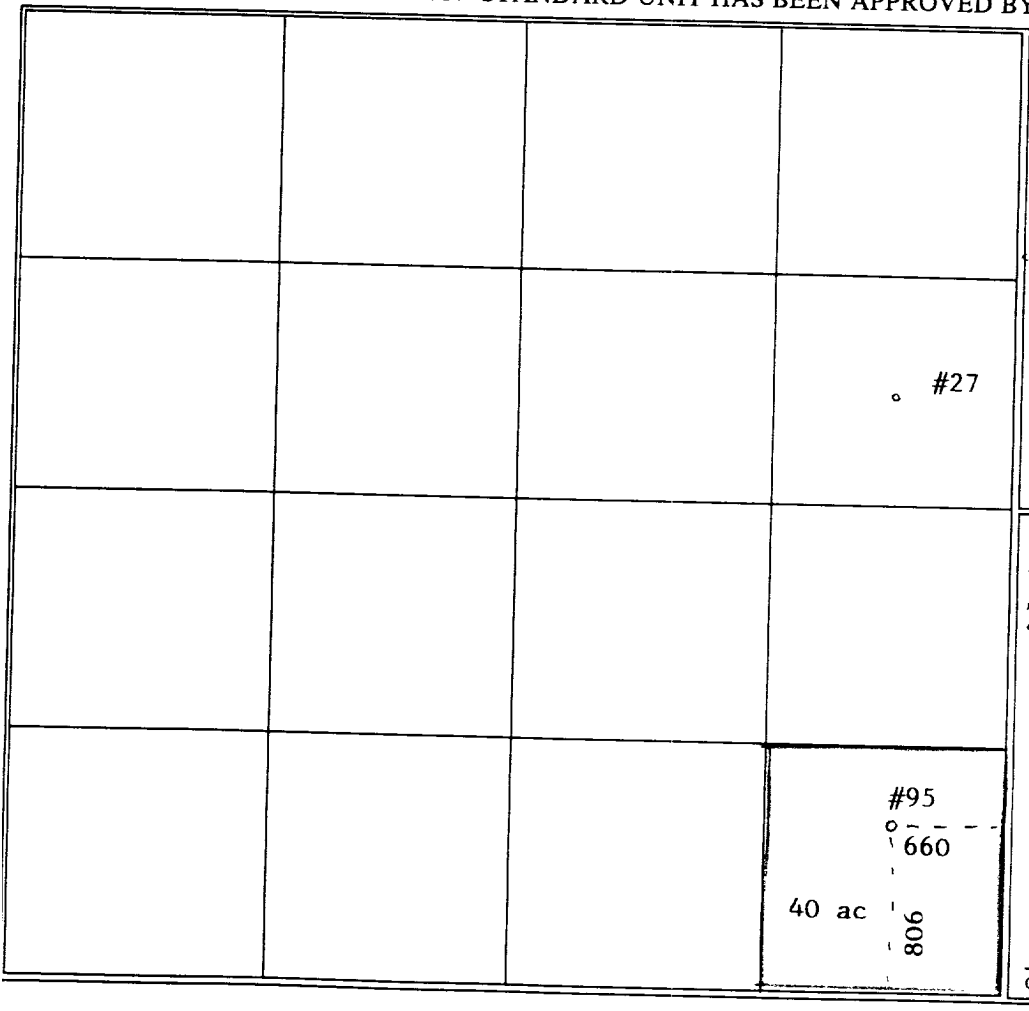
UI or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	26	17-S	34-E		806	SOUTH	660	EAST	LEA

[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 BEENCONSOLIDATED OR A NON--STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

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

Signature

KAYE POLLOCK-LYON
Printed Name

ENV. & REG. TECHNICIAN
Title

08-31-94
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