Mobil Exploration & Producing U.S. Inc.

P.O. BOX 633
MIDLAND, TEXAS 79702

May 31, 1990

Only ill

P.O. BOX 633
MIDLAND DIVISION

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
State Land Office Building
P.O. Box 2088
Santa Fe, New Mexico 87501

OIL CONSERVATION DIVISION

Attention: Dave Catanach

UNORTHODOX WELL LOCATION LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIA POOL LEA COUNTY, NEW MEXICO

#### Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., respectfully requests authority to recomplete the subject well to the South Shoe Bar Upper Pennsylvanian Pool at an unorthodox location.

This request is necessary, as required by the South Shoebar-Upper Pennsylvanian Pool Field Rules, due to the well being more than 150 feet of the center of a governmental quarter-quarter section.

The following items are being submitted, in triplicate, in support of this request:

- 1. Form C-101 Application for Permit to Drill, Deepen or Plug Back;
- 2. Form C-102 Well location and acreage dedication plat;
- Map showing Offset Operators;
- 4. Copy of Certified letter to Offset Operators.

State of New Mexico Unorthodox Well Location Yates State #1

A copy of this letter and attachments are being furnished to the Offset Operators by Certified Mail, as notice of this application.

The original well was drilled on a standard oil well location within a standard 80-acre oil spacing unit under the proposed Special Pool Rules; therefore, MEPUS requests that this unorthodox location be administratively approved.

If any additional information is needed, please contact Judy W. Dixon at (915) 688-2452.

Yours very truly,

G. N. Miller

Environmental & Regulatory Supervisor

Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing Texas & New Mexico Inc.

JWD

attachments

cc: Oil Conservation Division - Hobbs
 Offset Operators (w/attach)

-2-

State of New Mexico Unorthodox Well Location Yates State #1

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JWD

attachments

cc: Oil Conservation Division - Hobbs

Offset Operators (w/attach)

bcc: w/attachments Central Files Regulatory Files Proration Acct.

Opr. Supv. R. P. Pratt Andrews

Drlg. Supt. Snyder

# Submit to Appropriate District Office

#### State of New Mexico Energy, Minerals and Natural Resources Department

roms C	-101
Revised	1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM		API NO. (assigned by OCD on New Wells)			
DISTRICT II P.O. Drawer DD, Artesia, N	Sa IM 88210	5. Indicate Type of Lease STATE X FEE			
DISTRICT III 1000 Rio Brazos Rd., Aztec	, NM 87410			6. State Oil & Gas Lease !	<b>%.</b> .G-7265
APPLICAT	ION FOR PERMIT T	O DRILL, DEEPEN, C	R PLUG BACK		
ia. Type of Work:				7. Lease Name or Unit Ag	reement Name:
DRILL b. Type of Well: OR. GAS WELL WELL	RE-ENTER	DEEPEN SINGLE	PLUG BACK X Recompletion MULTELE ZONB	Lovington Deep	Yates State
2. Name of Operator  Mobil Produc	cing Tx. & N.M.	Inc.		8. Well No. 1	
3. Address of Operator C/O MODII EX P. O. BOX 65	ploration & Pro	oducing U.S.Inc.		9. Pool name or Wildows Upper Pennsylva	• • • • • • • • • • • • • • • • • • • •
4. Well Location Unit Letter			Line and 990	Feet From The	East Line
Section 36	Towasi	16S Ray	35E	NMPM Lea	County
		10. Proposed Depth 12,683	1	<del>Torration</del> per Pennsylvania	12. Rotary or C.T. n Rotary
13. Elevations (Show whether 3934 GL	er DF, RT, GR, etc.)	4. Kind & Status Plug. Bond Active Blanket	15. Drilling Contractor Unknown		as possible
17.	PR	OPOSED CASING AN	ND CEMENT PROG	RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
1/-1/2"	13-3/8"	48#	451	450	Surface
12-1/2"	9-5/8"	40#	5150'	2600	Surface
7-5/8"	5-1/2"	17#	12,683' or TD	1050	Surface
DOD Skatabas	- <del></del>				

BOP Sketches attached

This well is presently completed in the South Shoe Bar-Devonian Pool. Permission is requested to plugback with a 5-1/2" CIBP and set @  $\pm 12,500$ ' and recomplete in the South Shoe Bar-Upper Pennsylvanian Pool

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OF ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above is true and complete to the best of my knowledge and be	Aiet.
SKONATURE MASS W. MISSINGTH	Env. & Reg. Technician May 31, 1990
	Mobil Producing Texas & New Mexico Inc.
TYPEORPRINT NAME JUDY W. DIXON	acting by and through its agent Mobil Exploration & Producing U.S. 1987-1988-
(This space for State Use)	
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

#### **OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

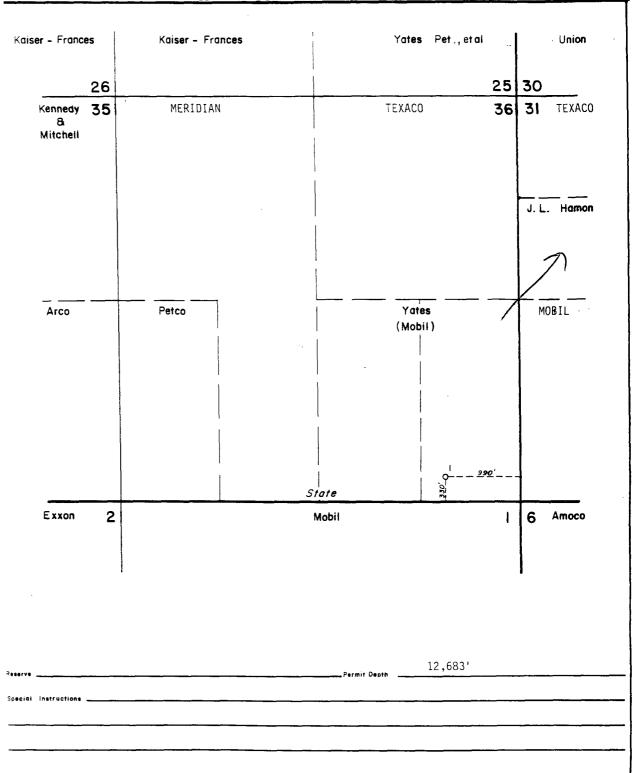
DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

erator obil Prod	ducing Tx. 8	N. M. Inc.		Lease LOvingto	n Deep Ya	tes Stat	te	Well No.
it Letter	Section	Township		Range	<del></del>		County	
Р	36	T16S		R35E		NMPM	Lea	ì
tual Footage Lo	cation of Well:							
330'	feet from the	South	line and	990		feet from	the Eas	ine line
ound level Elev	. Produc	ing Formation		Pool				Dedicated Acreage:
3934 GL	Upper	Pennsylvania	.n	South	Shoe Bar	^		80 Acres
1. Outli	ne the acreage dedica	ited to the subject well	by colored per	cil or hachure ma	irks on the plat b	zelow.		
2. If m	ore than one lease is d	ledicated to the well, or	utline each and	identify the own	ership thereof (be	oth as to worki	ing interest an	nd royalty).
uniti If answ this for No allo	zation, force-pooling, Yes er is "no" list the own if neccessary. wable will be assigne	No If answers and tract description d to the well until all in	wer is "yes" typons which have	oe of consolidation actually been con een consolidated (	n	reverse side of	ſ	
or until	a non-standard unit,	eliminating such interes	st, has been app	proved by the Div	ision.	T	OPEDA	TOR CERTIFICATION
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	i			i			Judy W	<b>!</b> Dixon
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		Center of Unit			0		Certificate No	<b>.</b>

<i>State</i> T01 <b>9309</b>	8 · 1 · 89	D/A 9-9-66 Yates etai	Petrus Petrus 1.1.90 2.1.90 4.25.91	Surf Du State Control Control
St <del>ata</del>	State Eidson Ranch, Inc.	Eidson  Ranch, inc.  A.M. Depen, etc.	G.I. Sumruid SEM C.L. Poune	Van Bieson etal
Mo⊴†gomeryProd.	Yates Petetal   R.C.	S.F. Clements Jr.) Yates, etal	R.M. J. Hooper Edsel William J. Hooper 1-17-05 1:13 J. R. Gallini	wiley Ocal and Section (1987)
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Sr <del>ote</del>	State	'NM - 5+ "  State	K.D.Durham& ( + 1A L.D. Durham, Jr, Trs 1/2 Dorothy Scharbauer	\$2.4 \$27   20 \$20   20   State
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	State 10 459 111 (Mobil) 22 Poloris Mol	"Shoe Bar-St"   Marathon 235hell   Cities Ser		ECIAL CA PROTECTION ACADA
T/A 300 6 1398	Production (Ameroda )	TOESSO N B 1713 R 1398 E 754 S7. Word ZOPATA AGAINST	Penrose-Zachary Ingram):   seland   Eiser     Oil   Material     Abell   Sholtzetal     Abell   Abell     Abell	"N.M.X-19" Sun
Santa Fe'"	In 50 a State State \	735 Sohie,efold Acgres, 2 2 B-1713 - 150eff 7A 7r: 35 2 1 10-4695	Tentoso India	Steele of Store, MI 109850 6 Derethy I. Scherbeuer
Shell (Phillion	- I IVI	State Mobil	Star Sa Petro Ystate Y T.R.St."	K.D.E.L.D. Durtham, Jr., Trs. 42 6.



## THE STATE OF TEXAS COUNTY OF Midland

I hereby certify that this plat truly represents conditions as they actually exist on this lease; that said plat which is drawn to the scale indicated hereon, is to the best of my knowledge true and correct; that it accurately shows said lease with all wells on same; that number and locations of said wells are as indicated hereon; and that this plat correctly reflects all pertinent and required data.

Partial Plat

## Mobil Producing Texas & New Mexico Inc. Midland Division

LEASELOV	ington	Deep	Yates	State	
WELL NO. $1$			DATE_	5/31/90	19_
				LEASE	NO
TOTAL ACRES	IN LEASE	160		ACRES COVERED	BY PLAT_160
DESCRIPTION.	SE/4	of Se	ection	36, T-16-S	. R - 35 - E

DRAWN A.L.W. DATE 10 / 7 / 86

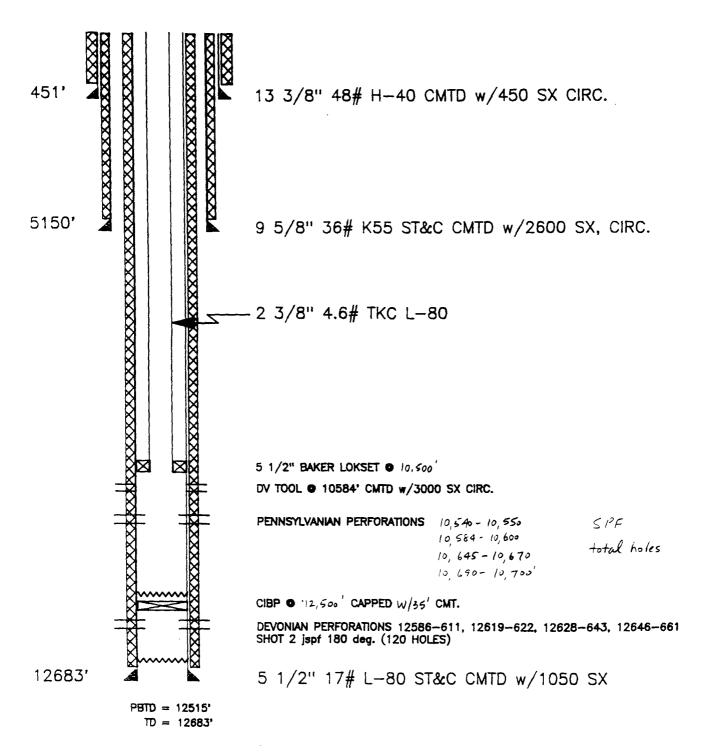
SCALE 1"=1000' FILE NO 30

FIELD South Shoe Bar-

#### LOVINGTON DEEP YATES STATE #1 SOUTH SHOE BAR/PENNSYLVANIAN LEA COUNTY, NEW MEXICO

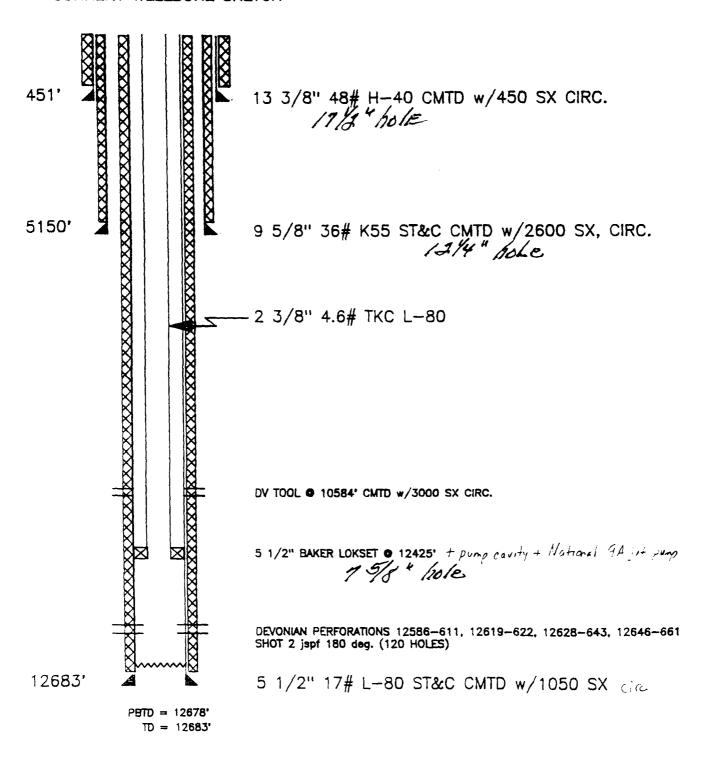
GL = 3934' DF = 3949' KB = 3950' 330'FSL - 990'FEL P - SECTION 36 T16S - R35E

#### PENNSYLVANIAN RECOMPLETION



LOVINGTON DEEP YATES STATE #1 SOUTH SHOE BAR/DEVONIAN LEA COUNTY, NEW MEXICO GL = 3934' DF = 3949' KB = 3950' 330'FSL - 990'FEL P - SECTION 36 T16S - R35E

#### CURRENT WELLBORE SKETCH



#### RECOMMENDED RECOMPLETION PROCEDURE

WELL: Lovington Deep Yates State #1 STATUS: Shut-in FLUIDS IN WELLBORE: Devonian water, oil (4-26-90)

Job Safety Requirements: In completing the subject work, all contractors should follow the safety procedures outlined in RP49, RP54, and the Mobil (Midland Division) Well Servicing Safety Procedure Manual dated March 1989.

As per New Mexico Order R-8952 (Migratory Bird Protection), any pits used for workovers are to be cleaned of any oil residue immediately after activity has ceased or be netted.

The workover fluids may contain H2S - backflow/swab any fluids to closed tank or separator.

- 1. MIRU workover unit. NU BOP, test.
- 2. Release Baker Lok-Set pkr @ 12,425', POOH w/pkr + pump cavity + pump + 2 3/8" L-80 tbg. Send pump + cavity in for repairs.
- J. RIH w/bit + scraper + tbg. CO csg to  $\pm$  12,500'. POOH w/bit + scraper + tbg.
- 4. PIH w/hvdroset 5 1/2" SIBP (ease past DV tool @ 10.584'), set SIBP @  $\pm$  12.500', cap  $\omega/35$ ' (4 sks). Pull up, circ wellbore  $\omega/\mathrm{FW}$  + 1 gal/150 bbls blocide. Spot 500 gal weighted 15% DI NEFE HCL acid 10.750 10.250'.
- 5. MIRU wireline unit. Prepare to perf Penn formation as follows:
  - 10,540 10,550
  - 10,584 10,6001
  - 10,645 10,670
  - 10,690 10,700

55´

rincludes holes @ end of each interval)

- 4" csq qun, premium charges
- 3 SPF, 120 deg phasing
- perfs correlated to OH log.
   Schlumberger GR/Sonic dated
   9-30-87
- ECL available on Schlumberger CBL dated 10-16-87
- o. RD wireline company.
- 7. RIH w/Baker Lok-Set pkr  $\pm$  2 3/8" tog, set pkr @  $\pm$  10.500'.
- 3. MIRU stimulation company. Prepare to acidize Penn W/6000 gal 15% BI NEFE HCL acid + 150 1.1 sp gr SCBS as follows:

Acid Additives: 30 lbs/1000 NTA iron sequesterer
2 gal/1000 NE agent
sufficient innibitor for 48 hrs, 175 deg F BHT

Max rate - 4 BPM

Max pressure - 8000 psi

#### PROCEDURE

- (1) Pump 2000 gal 15% DI NEFE HCl acid, dropping 3 RCBS/bbl acid in last 1000 gal (24 bbls)
- (2) Pump 2000 gal 15% DI NEFE HCL acid, dropping 3 RCBS/bbl acid in last 1000 gal (24 bbls)
- (3) Pump 2000 gal 15% DI NEFE HCL acid.
- (4) Flush w/50 bbls FW + biocide.
- 9. SI well 1 hr.
- 10. Open well to closed tank, check for oil recovery.
- 11. If well begins to flow. SI. and hook-up flowline to battery.

  But into test.
- 12. If well dies, release pkr. POOH w/pkr + prod tbg.
- 13. RIH w/Baker Lok-Set pkr + pump cavity + prod tbg. Set pkr @  $\pm$  10,500'.
- 14. Drop National 9A jet pump, load tbg, POP.

MOBIL EXPLORATION & PRODUCING U.S. INC.
UNORTHODOX WELL LOCATIONS
LOVINGTON DEEP YATES STATE
WELL NO. I
LEA COUNTY, NEW MEXICO

P.O. BOX 633 MIDLAND, TEXAS 79702

MIDLAND DIVISION

#### **OFFSET OPERATORS**

Texaco, Inc. Attn: Alan R. McDaniel P.O. Box 3109 Midland, Tx. 79702

Amoco Production Company Attn: R.L. Hutson P.O. Box 3092 Houston, Texas 77253

J. L. Hamon Hamon Operating Corporation 3900 Republic Bank Tower Dallas, Texas 75201-3982 Yates Petroleum Corporation 105 S. Fourth Street Artesia, New Mexico 88210

Meridian Oil, Inc. 21 Desta Drive Midland, Tx 79701

May 31, 1990

P.O. BOX 633 MIDLAND, TEXAS 79702

MIDLAND DIVISION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Amoco Production Company P.O. Box 3092 Houston, Texas 77253

Attn: R. L. Hutson

NOTICE OF APPLICATION FOR UNORTHODOX WELL LOCATION LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

#### Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., is requesting authority to recomplete the Lovington Deep Yates State #1 on an unorthodox location, under the provisions of Rule 104 (F). Attached to this letter is a copy of the application to recomplete and corresponding plats, showing the exact location of the subject well.

If you have no objection to this application, please sign the attached waiver and mail three copies to MEPUS. An addressed, stamped envelope is enclosed for your convenience.

Please call J.W. Dixon at (915) 688-2452 if any further information is needed.

Yours very truly,

Duy D. Villen

G. N. Miller

Environmental & Regulatory Manager

Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing Texas & New Mexico Inc.

JWD/arr

attachments

cc: Oil Conservation Division - Hobbs

May 31,1990

P.O. BOX 633 MIDLAND, TEXAS 79702

MIDLAND DIVISION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Texaco, Inc. P.O. Box 3109 Midland, Texas 79702

Attn: Alan R. McDaniel

NOTICE OF APPLICATION FOR UNORTHODOX WELL LOCATION LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

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G. N. Miller

Environmental & Regulatory Supervisor

Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing Texas & New Mexico Inc.

JWD/arr

attachments

cc: Oil Conservation Division - Hobbs

May 31 1990

P.O. BOX 633 MIDLAND, TEXAS 79702

MIDLAND DIVISION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Yates Petroleum Corporation 105 S. Fourth Artesia, New Mexico 88210

NOTICE OF APPLICATION FOR UNORTHODOX WELL LOCATION LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

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Environmental & Regulatory Supervisor

Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing Texas & New Mexico Inc.

JWD/arr

attachments

cc: Oil Conservation Division - Hobbs

May 31,1990

P.O. BOX 633 MIDLAND, TEXAS 79702

MIDLAND DIVISION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Meridian Oil, Inc. 21 Desta Drive Midland, Texas 79701

NOTICE OF APPLICATION FOR UNORTHODOX WELL LOCATION LOVINGTON DEEP YATES STATE WELL NO. I SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

#### Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., is requesting authority to recomplete the Lovington Deep Yates State #1 on an unorthodox location, under the provisions of Rule 104 (F). Attached to this letter is a copy of the application to recomplete and corresponding plats, showing the exact location of the subject well.

If you have no objection to this application, please sign the attached waiver and mail three copies to MEPUS. An addressed, stamped envelope is enclosed for your convenience.

Please call J.W. Dixon at (915) 688-2452 if any further information is needed.

Yours very truly,

G. N. Miller

Environmental & Regulatory Supervisor

Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing Texas & New Mexico Inc.

JWD

attachments

cc: Oil Conservation Division - Hobbs

May 31 1990

P.O. BOX 633 MIDLAND, TEXAS 79702

MIDLAND DIVISION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

J. L. Hamon Hamon Operating Corporation 3900 Republic Bank Tower Dallas, Tx 75201-3982

NOTICE OF APPLICATION FOR UNORTHODOX WELL LOCATION LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

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JWD/arr

attachments

cc: Oil Conservation Division - Hobbs

#### WAIVER

Mobil Exploration & Producing U.S. Inc. P.O. Box 633 Midland, Texas 79702

Attn: J. W. Dixon

UNORTHODOX WELL LOCATIONS LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

#### Gentlemen:

We, the undersigned, have been furnished a copy of Mobil Exploration & Producing U.S. Inc., as Agent for Mobil Producing Texas & New Mexico Inc.'s application to recomplete the subject well on an unorthodox location under the provisions of Rule 104 (F). Please be informed that we, as an offset operator, have no objection to the recompletion of this well as set forth in MEPUS's application dated May 31, 1990.

Yours truly,

Company:	
Representative:	
Signature:	
Title:	
Date:	

## MESSAN DAVISION BIVISION DEVISION

## '90 JUN 18 AM 9 10 WAIVER

Mobil Exploration & Producing U.S. Inc. P.O. Box 633 Midland, Texas 79702

Attn: J. W. Dixon

UNORTHODOX WELL LOCATIONS LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO HOC #20345

Gentlemen:

We, the undersigned, have been furnished a copy of Mobil Exploration & Producing U.S. Inc., as Agent for Mobil Producing Texas & New Mexico Inc.'s application to recomplete the subject well on an unorthodox location under the provisions of Rule 104 (F). Please be informed that we, as an offset operator, have no objection to the recompletion of this well as set forth in MEPUS's application dated May 31, 1990.

Yours truly,

Representative:

B. J. Ladas

Signature

Vice President

Date:

11 June 1990

Please Note the Change Of Address:

HAMON OPERATING COMPANY 8411 Preston Road Suite 800, Lock Box 33 Dallas, Texas 75225 CAL CAME RESERVED

190 JUN 13 AM 8 40

WAIVER

Mobil Exploration & Producing U.S. Inc. P.O. Box 633 Midland, Texas 79702

Attn: J. W. Dixon

UNORTHODOX WELL LOCATIONS LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

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Yours truly,

Company:	MERIDIAN OIL INC.
Representative:	Robert L. Bradshaw
Signature:	Robert L. Bradshow
Title:	Sr. Staff Env./Reg. Specialist
Date:	06 June 1990

MEDITARI OTI TMO

#### WAIVER

Mobil Exploration & Producing U.S. Inc. P.O. Box 633 Midland, Texas 79702

Attn: J. W. Dixon

UNORTHODOX WELL LOCATIONS LOVINGTON DEEP YATES STATE WELL NO. 1 SOUTH SHOE BAR UPPER PENNSYLVANIAN POOL LEA COUNTY, NEW MEXICO

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Yours truly,

Company:	YATES PETROLEUM CORPORATION	
Representative:	John A. Yates	
Signature:	Toll 1900	RB
Title:	Attorney-in-Fact	
Date:	June 8, 1990	
1 /		



# ENERGY AND MINERALS DEPARTMENT

198 JUN 7 AM OJL SONSERVATION DIVISION HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

6-1-90

POST OFFICE BOX 1980 HOBBS, NEW MEXICO B8241-1980 (505) 393-6161

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501				
RE: Proposed:  MC DHC NSL X NSP SWD WFX PMX				
Gentlemen:				
Mobil Producing To Operator  and my recommendations are	K + NM Inc. Lease & Well No.	Lovengton Dee Unit S-T-R	p Yates &	tale #1-P 36-16-35
This well was previous	ously Complet	ed in So. shoe	Bar Devon	Lan
This well was previous at an unarthodox	loc. appro	ved by R-82	79 under	graph (4). —
Yours very truly?				
Jerry Sex to				
Merry Sexton Supervisor, District 1				

O. OF COFIES RECEIVED		<del>*</del>		Form C - 103	
DISTRIBUTION				Supersedes Old C-102 and C-103	
SANTA FE	NEW MEXICO	OIL CONSERVATION COMMISSION	ON	Effective 1-1-65	
FILE					
u.s.g.s.	1		5	a. Indicate Type of Lease	
LAND OFFICE	1		· .	State X	
OPERATOR			5	. State Oil & Gas Lease No.	
	J		· ·	LG-7265	
ING NOT USE THIS FORM FOR PRI	RY NOTICES AND REPO	OR PLUG SACK TO A DIFFERENT RESER	EVOIR.		III
i. OIL X GAS WELL X	OTHER-		7	. Unit Agreement Name	
2. Name of Operator		,	a	B. Farm or Lease Name Stat	e
Mobil Proudcing	TX & NM INc.	•	1	Lovington Deep Yate	
3. Address of Operator				). Well No.	
P. O. Box 633, M	idland. TX 79702.	Attn: Lorraine Marone	ev l	1	
4. Location of Well				0. Field and Pool, or Wildcat	
UNIT LETTER P 3	30 FEET FROM THE	South LINE AND 990	FEET FROM	South Shoe Bar-Devo	onia
East	36	16-S RANGE 35-E	8		IIII
THE LINE, SECTI	ON TOWNSHIP	RANGE JJ 11	NMPM.		1111,
	15. Elevation (Sha	nw whether DF, RT, GR, etc.)	1	2. County	114
	3934' G	R		Lea	////
16. Chack		dicate Nature of Notice, Re	enoss os Osho		~~~
	Appropriate box to the		UBSEQUENT F		
NOTICE OF I	TIENTION TO.		JBJEQUENT F	TEFORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ASA	NOON REMEDIAL WORK		4	Г
	7200 200 200	<del>-</del>	H	ALTERING CASING	<u> </u>
TEMPORARILY ABANDON		COMMENCE DRILLING OPN	<b>=</b>	PLUG AND ABANDONME	NT
PULL OR ALTER CASING	CHANGE PLAN:	<u> </u>	EDL TI	-	٠ _
Field Objective	Change	OTHER	<del></del>		_ L
OTHER	<u> </u>				
17. Describe Proposed or Completed C	perations (Clearly state all pe	rtinent details, and give pertinent d	ates, including es	timated date of starting any pr	opose
work) SEE RULE 1103.					
•		•			
	9 and R-8279 the f to South Shoe Bar	ield objective to be o	changed fro	m	
· ·	co coden bioc bar	bovonian riola.		•	
The Ellenburger	objective will rem	ain Wildcat-Ellen.			
				•	
		•			
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•				•	
and the state of the first of the state of t					
			•		
18. I hereby certify that the information	above is true and complete to	the best of my knowledge and belie	of.		<del></del> -
_	•	•			-
and Some	. M.E. Sweeney	TILE Environmental & Re	oa Mars	0.10.00	
FIGHED 1/10: MULTING	TI.E. SWEELEY T	ILLE THINTTOINISHED & KE	sy. Mqr.	DATE 9-10-86	
CART CARE	<b>ে</b> প্রবিদ্যান্ত			0==	
APPROVED BY	DISTRICT	371 F		SEP 1 7 19	186
CONDITIONS OF ARREST	· COPERVISOR	KAOM		DATE	
CONDITIONS OF APPROVAL, IF ANY	1 (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973 <b>)</b> (1973) (19				

### Think UP NEW MEXICO

Mobil Exploration & Producing 5.5. Inc. as Agent for Mobil Producing TX & NM Inc.

PILE  PILE  U.S.O.G.  LAND OFFICE  TRANSPORTER  CAS  OPERATOR  OPERATOR  OPERATOR	P. O. BO. SANTA FE, NEW REQUEST FOR	MEXICO 87501		Form C-104 Revised 10-01-78 Format 08-01-83 Page 1
Mobil Producing TX & NM	Inc.			
9 Greenway Plaza, Suite	2700, Houston,	TX 77046		
Recompletion Oil	<b>~</b>	Other (Please r Gas ndensate	explainj	
If change of ownership give name and address of previous owner  II. DESCRIPTION OF WELL AND LEASE [Losse Name   Well No.   F	Pool Name, Including Fo	rmation	Kind of Lease	Lease
	South Shoe Bar	-Devonian	State, Federal or Fee	State LG-72
Location  Unit Letter P : 330 Feet From  Line of Section 36 Township 16:		990 35E , NMPM,	Feet From The Eas:	t
III. DESIGNATION OF TRANSPORTER OF O			o which approved copy of t	
Rame of Authorized Transporter of Oil Control	or Dry Gas	Box 2528, Hob		
If well produces oil or liquids, give location of tanks.  Unit Sec. 36	Twp. Rge. 16 35	Yes	•	29-87
If this production is commingled with that from any	other lease or pool, g	ive commingling order	number	
NOTE: Complete Parts IV and V on reverse size  VI. CERTIFICATE OF COMPLIANCE  1 hereby certify that the rules and regulations of the Oil Combeen complied with and that the information given is true and	servation Division have	OIL CO	NSERVATION DIV	ISION
my knowledge and belief.		DYY	rux G/LA	· <i>MI</i>

(Tule)

(Date)

Lease No.

County

LG-7265

	_
OIL CONSERV	VATION DIVISION
NOV 1 9	1987
APPROVED TO A	1001
DY TOUR	f fulls
TITLE Geologist	

This form is to be filled in compliance with RULE 1104.

If this is a request for allowable for a nowly drilled or despened well, this form must be accompenied by a tobulation of the deviation tests taken on the well in accordance with AULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Pill out only Sections I. II. III. and VI for changes of owner, well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multiply completed wells.

Designate Type of Completion	on - (X)	New Well Workover Despen	Plug Back Same Res'v. Diff. Res
Date Spudded 8-19-87	Date Compi. Ready to Prod. 10-28-87	Total Depth 12685	P.B.T.D. 12678
KB - 3950	Name of Producing Formation Devonian	Top Oll/Gas Pay 12586	Tubing Depth 12426
Perforations 12586-12661			Depth Casing Shoe
	TUBING, CASING, AN	ID CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17½	13-3/8	451	450 sx
124	9-5/8	5150	2600 sx
8-3/4	5½	12685	4050 sx

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable (Test must be after recovery of total volume oil allowable (Test must be after recovery oil allowable (Test must be after recovery oil allowable (Test must be after recove

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)				
10-28-87	10-29-87	Flowing		_!		
Length of Test	Tubing Pressure	Casing Pressure	Choke Size			
24 hrs	150	0	24/64	ļ		
Actual Prod. During Test	Oll-Bbis.	Woter - Bbis.	Gae-MCF			
	355	9	221	)		

GAS WELL			
Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
			47.2 @ 60 <sup>0</sup>
Testing Method (PHOL back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-18)	Choke Size
	1		

SHOP SHOW

MON S CHICE

STATE OF NE									•		C-105 ed 10-1-78
ENERGY AND MINERA		OIL	CONS	ERVA	TION	οιν	ISION		[Sq. Ind	Icale T	ype of Lease
וייים פוחדצומ					X 2038				1	te X	Fee
S-NTA FE		SA	NTA FE	E, NEV	V MEXIC	S 8 7	7501		L	ست	Gas Lease No.
FILE										G-726	
U.\$.G.\$.		WELL COMPL	ETION OF	RREC	OMPLETIC	)N R	EPORT A	ND LOC	i www	111	
LAND OFFICE										////	
OPERATOR									VIII	7777,	
IG. TYPE OF WELL		(TT)							7. Unit	Agree	ment Name
<b>L - - - - - - - - - -</b>			. [_]	DRY	01 HEM						ase Name
b. TYPE OF COMPL	CAK (T)	PLUG									ton Deep Yates
WELL C	VEN L. DEEP	EN BACK	L RE	SVA.	OTHER				9. Well	State	2
2. Name of Operator  Mohil Pro	ducina TX &	NM Inc.	1 1 1 1 N	11.	1.1.				g. weii	.No.	- !
3. Address of Operator	•	111111111111111111111111111111111111111		<del></del>				<del></del>	- 10 Fin	dd and	Pool, or Wildcat
9 Greenwa	v Plaza. Su	ite 2700, H	ouston,	ΤX	77046				1		oe Bar-Devonia
4. Location of Well		<del>- 131</del>	11 1 22 2						13000	1 2110	CELLIALIZATION DE DEL DEL DEL DEL DEL DEL DEL DEL DEL
Location of won			J. 10.411								
D		330		South	1		990				
UNIT LETTER	LOCATED	FEET P	ROM THE	. 500 01	LINE AND	<del>'77</del>	<del>77777</del>	FEET FROM	5 12. Co	7777	
Eact	26	wp. 165	ε. 35E				[[]]]		Lea	•	
15. Date Spudded		Reached 17, Date		NMFM		777	777777	DED DT	<u> </u>		lev. Cashing lead
1	I		1-28-87	eddy to r	16.		(B-3950	nkb, ki,	GR, etc.)	19. 5	3934
8-19-87	9-28-87	g Back T.D.		4 . 7 . 1 . 7 . 1			23. Intervo				
1	21. Più		22.	Many	le Compl., Ho	ow.	Drilled		•	1	Cable Tools
12685 24. Producing Interval	(a) of this complet	12678						<u>→ ;</u>	X	105	Was Directional Surve
24. Producing intervol	(s), or this compre	Top, Botto	n, Name							23.	Made
125	86-12661 De	vonian					•			- 1	No
26, Type Electric and	Other Less Bus								<del></del>		Well Cored
	*								1	27. <b>W</b> US	
	CN/Densilog	, FMS/Dipme									No
2B.		<del></del>			ort all string	s set					
CASING SIZE	WEIGHT LB.				LE SIZE	-		TING RE	CORD		AMOUNT PULLED
13 3/8	48#		451		1/2 1/4		0 sx C1				Circ 60 sx
9 5/8	36#		150	1	1/4		00 sx Hc				Circ 20 sx
F 1/2	17#	12	685		3/4		00 sx T1 50 sx C1		<u>C</u>		Circ 900 sx
5 1/2		INER RECORD	000	0	3/4	1400		<u> </u>	TUDING	DEC 0.0	
<u> </u>			T		<del></del>		30.	<del></del>	TUBING		
SIZE:	ТОР	ВОТТОМ	SACKS C	EMENT	SCHEEN		SIZE		EPTH SE	T !	PACKER SET
			<del> </del>				2 3/8	<u> </u>	2426		12426
31. Perforation Record	(latanal aire and		<u> </u>		T						
31. Periordion Necord	(Interval, Size and	numbery			32.		o, shot, ⊭				
Perf Dev W/	2 JSPF @ 12	586-611, 12	619-622	2,	DEPTH						MATERIAL USED
12628-643,	12646-661 (	120 holes)			12668-						Fe 15% HCL
	·	•			12586-1	266	<u>,                                    </u>				NEFE MCA
								HCL.			00 g. 15% NEFE
33.		<del></del>		BBOD	1			MCA H	CL + /(	<u> </u>	Rk Salt
Date First Production	Produ	ction Method (Flor	vine. eas li		UCTION	d typ	e nump)		l Well S	tatus (	Prod. or Shut-in)
1				,-, ,,-		,,,	· //		1	10105	rea, or end try
10-28-87 Date of Test	Hours Tested	Flowing Choke Size	Prod'n.	For	OII - Bbl.		Gas - MCF	Wa	ter - Bbl.		Gas - O!l Ratio
10-29-87	24	24/64	Test Per	riod	355	- 1	221	1	9		623
Flow Tubing Press.	Casing Pressure	Colculated 24	- OII - BE	ol.	Gas - 1	ACF.		ter - Bbl.	<del>y</del>	OII Gr	avity - API (Corr.)
150	1 0	How Hate	.	355		221		q	ł	4.7	2 @ 60°
34. Disposition of Gas	(Sold, used for fue	l, vented, etc.)	·			<u>1</u>	·	<del></del>	st Witness		
Sold									D.	. R.	Seale
35. List of Attachments											
C-104, Log		-									
36. I hereby certify that	the information s	hown on both side	s of this for	m is true	and comple	e 10	the best of :	ny knowle	dge and be	lief.	
1.	2000			Mobi	l Doploration	& Pro	တီးငှေးမှ ပ.5.	Inc.			
SIGNED	any a	WO	TITE	E FEY	gent for Mobi	i Prod	OCING TX & N	M Inc.		/)	-6-87

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 costs. All deptim reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also reported. For maintain, frems 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

		Sou	Uieastern	New Mexico			Northw	estem Ne	ew Mexico
T. Ant	211	11		Canyon	·				Penn. "B"
T. Sal	٠			11250					Penn. "C"
A CONTRACTOR				116/16					Penn. "D"
-				MISS					Leadville
_	ivers	131							Madison
T. Que	en								Elbert
T. Gra	yburg								McCracken
T. San	Andres	5205		•		•			Ignacio Qtzte
									Granite
T. Pad	ldock		T.	Ellenburger	T. Dako	ts		Т.	
T. Bli	riebry	7571							
T. Tut	ob								
T. Dri	nkard	00.00		Delaware Sand	T. Entr	ada	<del></del>	T.	
T. Abo	·		Т.	Bone Springs	T. Wing	ate		T.	
T. Wol	1001110	9379		Manager 11/1	<u> </u>				
T. Pen		0250	T.			ian		<b>T</b> .	
	o (Bough		T.	Woodford 1242	T. Penr	L ''A''	<del></del>	т.	
211	uro-pev	onian 1	12569	WOODI OTA OIL TOR	GAS SANDS	OR Z01	IES		
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No. 2, In	anc	******	** ********	to	No. 5, fr	om			to
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	om		** **** * * * * * * * * * * * * *	to	No. 6, fr	DM	************		to
No. 3, fre				•	TANT WATE	•			.to
No. 3, fro	lata on rat	e of water	inflow an	IMPOR	TANT WATES	R SANDS			.to
No. 3, fro Include d	lata on rat	e of water	inflow an	IMPOR	TANT WATES	R SANDS	sect.	************	
No. 3, fro Include d No. 1, fro No. 2, fro	iata on rat	e of water	inflow an	IMPOR d elevation to which water	TANT WATES	RSANDS	feet.		
No. 3, fro Include d No. 1, fro No. 2, fro No. 3, fro	data on rat	e of water	inflow an	IMPOR d elevation to which water toto	TANT WATES	R SANDS	feet. feet.		
No. 3, fro Include d No. 1, fro No. 2, fro No. 3, fro	data on rat	e of water	inflow an	IMPOR d elevation to which water toto	TANT WATES	RSANDS	feet. feet. feet.		
No. 3, fro Include d No. 1, fro No. 2, fro No. 3, fro	data on rat	e of water	inflow an	1MPOR d elevation to which water tototototo	TANT WATES	RSANDS	feet. feet. feet.		
Include d No. 1, fro No. 2, fro No. 3, fro No. 4, fro	data on rat	Thickness	inflow an	IMPOR d elevation to which water to	TANT WATES	S SANDS	feetfeetfeetfeet. Thickness	y)	

From	То	Thickness in Feat	Formation	From	То	Thickness in Feet	Formation
2002	2111		Anhydrite	11646	12428		LS, Shale, Sand
2111	4131	i	Salt	12428	12589	]	Shale
4131	6205	1	Sand, LS	12589	12685		Carbonate
6205	7571		11 11			İ	
7571	8251	ŀ	Sand, Shale, Dolomite				
8251	9379		Shale, Dolomite			]	
	10250		Dolomite, LS, Shale				
	11165		LS, Shale, Sand			[	
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		- 1	ll l	j	40		<b>;</b>

#### LANDIS DRILLING COMPANY P. O. Box 3579 Midland, Texas 79702

## RECEIVED

OCT 20 1987

**PRODUCTION** OPERATOR Mobil Producing Texas & New MexideDDRESS Box 390 CM dland, Texas 79702

LEASE NAME Lovington Deep Yates State

WELL NUMBER

LOCATION 300' FSL & 900' FEL, Section 36, T-16-5, R-35-E , Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
176	1/4	77	
176 <b>451</b>	1/4	.77	.77
	1/2	2.40	3.17
937	1/4	2.12	5.29
1437	1/2	4.37	9.66
1930	3/4	. 6.45	16.11
2342	1/2	3.60	19.71
2823	1/2	4.20	23.91
3319	2 1/4	19.47	43.38
3426	1 3/4	3.27	46.65
3903	3/4	6.24	52.89
4399	1	8.66	61.55
4896	1 1/4	10.84	72.39
4989	1	1.62	, 74.01
<i>5150</i>	3/4	2.11	76.12
5643	1/4	2.15	78.27
6137	1/2	4.31	82.58
. 6635	1/2	4.35	86.93
7128	1/4	2.15	89.08
7623	1 1/2	12.96	102.04
7810	3/4	2.45	104.49
8057	1/2	2.16	106.65
8438	1	6.65	113.30
8638	1	3.49	116.79
9138	1 1/4	10.91	127.70
9309	3/4	2,24	129.94
9787	1	8.34	138.28
10280	1/2	4.30	142.58
10763	1/4	2,11	144.69
11259	3	25.96	170,65
11726	4 3/4	38.67	209.32
11839	4 1/4	8.37	217.69
12314	2 3/4	22.79	240.48
12685	1 1/2	9.71	250.19

data as set forth is true and correct to the best of I hereby certify that & my knowledge and bel.

By: President Contracts

LANDIS DRILLING COMPANY

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell to be the person whose name is subscribed hereabove, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief, such well was not intentionally deviated from the true vertical whatsoever.

AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the

NOTARY PUBLIC

TELATE UP NEW MEXICO

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## ENERGY AND MINERALS DEPARTMENT OIL COMSERVATION DIVISION SATIONS CITY CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

REQUEST FOR ALLOWABLE

PROBATION OPPICE	AU	JTHORIZATION		IND PORT OIL AND NATUR	RAL GAS	
Operator Mobil Prod	lucing TX	& NM Inc.				
9 Greenway	/ Plaza, S	Suite 2700,	, Houston	, TX 77046		
Recom(s) for filing (Check prop Now Woll Recompletion Change in Ownership		ange in Transpar		for Octo	testing allowable or bber, 1987. Perfs: 12586-1266	
If change of ownership give named address of previous owner				Devotitat	110013. 12300 1230	
II. DESCRIPTION OF WELL Local Name Lovington Deep Yate	We	II No. Pool Nan			Kind of Lease State, Federal or Fee State	Lease No. LG-7265
Location P :		et From The			Foot From The East	
Line of Section 35	Township	16 <b>-</b> S	Range	35-Е , мирм,	Lea	County
III. DESIGNATION OF TR.  Name of Authorized Transporter  Texas - New Mexic  Name of Authorized Transporter	o Pipelir	or Condensate ne Company		Box 2528, Hobbs	which approved copy of this form  5, NM 88240  which approved copy of this form	
If well produces oil or liquids, give location of tanks.	Unit	Sec. Twp	. Rge.	is gas octually connected	l? When	
If this production is commingle NOTE: Complete Parts IV  VI. CERTIFICATE OF COMI  I hereby certify that the rules and re	and V on rev PLIANCE gulations of the	Oil Conservation	Division have		INSERVATION DIVISION	
been complied with and that the info my knowledge and belief.	rmation given is	true and complete	to the best of	This form is to b	T 1 SUPERVISOR	J. E. 1104.
Mebil Deploration 6 Producing U.S. Inc. as Agent for Mebil Producing IX 6 NM Inc. $10-28-87$	Signature) (Title) (Date)			If this is a reque well, this form must t tests taken on the we All sections of th able on new and roco Fill out only Ser well name or number, of	at for allowable for a newly di to accompanied by a tabulation olf in accordance with RULE till form must be filled out com	rilled or deepened in of the deviation 111. plottely for allow- hanges of owner, inge of condition.
			- 4	completed wells.	mant be liled tot opcy	boot to mmnbia

D : T (C == l=:	OII Woll Gas W	II New Well Workovor	Deepen	Plug Back	Same Res'v.	Dill Res'y
Designate Type of Complet	ion – (X)		i	į .	į	:
Date Spudded	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.		<del>1 </del>
Elevotions (DF, RKB, RT, GR, etc.,	Name of Producing Formation	Top Oll/Gas Pay	<del></del>	Tubing Dep	ıh	<del></del>
Perforations	<u> </u>			Depth Casir	ig Shoe	<del></del>
	TUBING, CASING.	AND CEMENTING RECORD	· · · · · · · · · · · · · · · · · · ·			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SE		SA	CKS CEMEN	47
	<del> </del>			<del> </del>		<del></del>
				<del> </del>		
. TEST DATA AND REQUEST OIL WELL	FOR ALLOWABLE (Test must able for th	be after recovery of total volum is depth or be for full 24 hours!	ne of load oil	and must be so	just to or aze	ed top allow-
Date First New Oil Run Te Tanks	Date of Took	Producing Method (Flow,	pump, ges li	(L. etc.)		
Length of Test	Tubing Pressure	Casing Pressure	· · · · · · · · · · · · · · · · · · ·	Choke Size		
Actual Prod. During Teet	Oil - Bala.	Wener - Bbis.		Gan-MCF	<del></del>	
AS WELL				<u>!</u>		
	1	Bbis. Condensate AMCF	<del></del>	Crevity of C	ondenagio	
Actual Prod. Test-MCF/D	Length of Test	Buts. Conzensute/MMCF				

SOME THE SUPPLY OF

RECEWED

OCT 2 9 1987

OCD

HOBBS OFFICE

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

DISTRIBUTION		
BANTA PE		
FILE		
U.S.G.S.		L
LAND OFFICE	1	

## OIL CONSERVATION DIVISION

DISTRIBUTION BANTA PE	P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	Form C-103 - Revised 19-1-78
U.S.G.B. LAND OFFICE OPERATOR		State X Fee  5. State Oi; 6 Gas Lease No. LG-7265
(DO NOT USE THE	SUNDRY NOTICES AND REPORTS ON WELLS	
1.	BAB OTHES-	7, Unit Agreement Name
	ing TX & NM Inc.	Lovington Deep Yates State
t	laza, Suite 2700, Houston, TX 77046	9, Well No.
4. Location of Well	. 330 PEET FROM THE South LINE AND 990 PEE	10. Field and Pool, or Wildcon South Shoe Bar-Devonian
THE <u>East</u>	LINE, SECTION 36 TOWNSHIP 16-S RANGE 35-E	HAPE.
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CABING	PLUE AND ABANDON REMEDIAL WORK COMMENCE DRILLINE OPHS. CHANGE PLANS CABING TEST AND CEMENT JOD	ALTERING CABINE PLUE AND ABANDONMENT
OTHER	OTHER	
17. Describe Proposed or work/ SEE RULE 110	Completed Operations (Clearly state all pertinent details, and give pertinent dates, inc	luding estimated date of starting any proposed
9-2/27-87 9-28-87	Drlg. TD 8 3/4" hole @ 12685	
9-19/30-87 10-2-87	Logging.  RIH W/287 its 5 1/2 17# L-80 LT&C DV @ 10,584 W/16 12685, 1st stage W/1050 sx Cl H, disp csg W/42 BFW open plug, displ W/247 bbl mud, landed DV tool, propened DV, circ 200 sx, 2nd stage cmt W/3000 sx CL EHE 29%.	W, drop DV tool ≘ss up 2250# -
10-3-87	Cleaned pits, RDMO Landis Rig #5, WOC.	

18. I hereby certify that the information above is true and complete	to the best of my knowledge and belief.	
· Many Lus	Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc.	DATE 10-12-87
APPROVED BY SCHOOL STATES	DISTRICT 1 SUPERVISOR	OCT 1 5 1987
CONDITIONS OF APPROVAL TO ANY!		

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

		_
	T	
DISTRIBUTION		
SANTA PE	1	
FILE	T	
U.S.O.B.	$\mathbf{I}$	
LAND OFFICE		
OPERATOR		

## OIL CONSERVATION DIVISION

DISTRIBUTION SANTA FE	P. O. BOX 2088  SANTA FE, NEW MEXICO 87501	Form C-103 Revised 10-1-78
U.S.O.S. LAND OFFICE OPERATOR	SEP 2 4 1007	State Oil & Gas Lease No.  LG-7265
100 DOU TOU DOS)	SUNDRY NOTICES AND REPORTS ON WELLS  FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OF PLUE BACK TO A DIFFERENT RESERVOIR.  191 "APPLICATION FOR PERMIT —" IFORM C-101) FOR SUCH PROPOSALS.)	
	AS OTHER-	7, Unit Agreement Name
	ing TX & NM Inc.	8. Form or Lease Name Lovington Deep Yates State
3. Address of Operator 9 Greenway P	laza, Suite 2700, Houston, TX 77046	9, Well No.
4. Location of Woll  wait Letten P  East	South LINE AND 990 FEET LINE, SECTION 36 TOWNSHIP 16-S RANGE 35-E	South Shoebar-Devonian
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea
NO <sup>1</sup>	Check Appropriate Box To Indicate Nature of Notice, Report or INCE OF INTENTION TO: SUBSEQU	Other Data ENT REPORT OF:
PERFORM REMEDIAL WORK TEMPOBARILY ABANDON PULL OR ALTER CASING	PLUE AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPHS. CHANGE PLANS CASING TEST AND CEMENT JOS X OTHER	ALTERING CASING  PLUG AND ABANDONMENT
17. Describe Proposed or work) SEE RULE 110	Completed Operations (Clearly state all pertinent details, and give pertinent dates, incluse).	ding extimated date of starting any proposed
8-21/27-87	Dr1g.	
8-28-87	TD 12 1/4" hole	•
8-29/30-87	Run Logs	
8-31-87	RIH W/115 jts 9 5/8 36# K55 ST&C csg to 5150, cmt w Howco Premium, circ 20 sx capped foam cmt between 1 W/100 sx thixotropic cmt. WOC.	
9-1-87	WOC 18 hrs, PT csg 3000# - 30 min - OK, Drlg new fo	rm.

18. I hereby cortify that the information above is true and com  MANY LIWIS	Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc.	9-9-87
SPROVED BY SINGLE STREET	OIL & GAS INSPECTOR	SEP 1 4 1987

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION Form C-103 Revised 10-1-78 DISTRIBUTION P. O. BOX 2088 BANTA PE SANTA FE. NEW:MEXICO 87501 PILE 5a. Indicate Type of Lease U.B.O.S. State X Fee [ LAND OFFICE 5. State Oli & Gas Lease No. OPERATOR LG-7265 SUNDRY NOTICES AND REPORTS ON WELLES SANTAFE 7. Unit Agreement Name يندر 🔼 WELL . 2. Name of Operator Lovington Deep Mobil Producing TX & NM Inc. Yates State 3. Address of Operator 9 Greenway Plaza, Suite 2700, Houston, TX 77046 1 4. Location of Well 10. Field and Pool, or Wildon 990 330 South UNIT LETTER 16-S 35-E 36 East 15. Elevation (Show whether DF, RT, GR, etc.) 12. County Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: ALTERING CASING HANGE PLANS 17, Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed

8-19-87 MIRU Landis Drlg. Co. Rig #5. Spud 17 1/2" hole, TD, RIH W/11 jts.
13 3/8" 48# H-40 ST&C csg. W/4 centl, cmt @ 451 W/450 sx Cl-C, circ
60 sx, EHE 27%, WOC.

8-20-87 PT csg 1000# - 30 min - 0K, WOC 18 hrs., drlg new form.

18. I hereby certify that the information above is true and comple	ite to the best of my knowledge and belief.	
Many Lino	Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc.	B-28-87
APPROVED BY CONDITIONS OF APPROVAL, IS ANY!	DISTRICT 1 SUPERVISOR	SEP 1 1987

NO. OF COFIES MECEIVED  DISTRIBUTION		Form C-103 Supersedes Old C-102 and C-103
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE U.S.G.S.		5a. Indicate Type of Lease
LAND OFFICE		State XX Foe
OPERATOR		S. State Oil & Gas Lease No.
	f = i	LG-7265
SUNDR SUNDR THIS FORM FOR PRO USE "REPLICATION	Y NOTICES AND REPORTS ON WELLS POSALS TO ORIGINATE OF TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  ON FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)	Million Million
OIL XXX GAS WELL	OTHER-	7. Unit Agreement Name
2. Name of Operator Mobil Producing TX	& N.M., Inc.	8. Farm or Lease Name State Lovington Deep Yates
P.O.Box 633,	Midland, Tx. 79702 Attn: Regulatory Dept.	9. Well No. #]
4. Location of Well	330 FEET FROM THE SOUTH LINE AND 990 FEET FROM	10. Field and Pool, or Wildcat South Shoe Bar-Devonian
	N 36 TOWNSHILG-S RANGE 35-E NMPM	
THE CINE, SECTION	1 CONTROLL ROOM	
	15. Elevation (Show whether DF, RT, GR, etc.) 3934 GR	12. County Lea
16. Check A	appropriate Box To Indicate Nature of Notice, Report or Ot	her Data
NOTICE OF IN	- · ·	T REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	
OTHER Drilling Per	mit Renewal OTHER	
17. Describe Proposed or Completed Operark) SEE RULE 1103.	erations (Clearly state all pertinent details, and give pertinent dates, including	estimated date of starting any proposed
Mobil Producing TX. &	N. M., Inc., is requesting the renewal of the d	rilling permit
on the Lovington Deep	Yates State Well No. 1. The original permit w	as approved for
drilling on June 12, 1	986.	
Per conversation with	June, NMOCC, Hobbs, N.M., on March 20, 1987 the	permit has not
been automatically can	celled.	
·		
	Fermit Expires 6   Date Unless Drilli	Months From Approvaling Underway,
18. I hereby certify that the information a	bove is true and complete to the best of my knowledge and belief.	
Sor M. Sweeney	ey TITLE Env. & Reg., Manager	DATE 03/20/87

DISTRICT 1 SUPERVISOR

MAR 2 3 1987

() serm ///	DISTRICT 1 SUPERVISOR	SEP 1 7 1986
SIGNED D. G. Sweeney M.E. Sweeney TITLE ENT	vironmental & Reg. Mgr.	DATE 9-10-86
18. I hereby certify that the information above is true and complete to the best of	of my knowledge and belief.	
er en fant fransk fan de fan fan de fan fan fan fan fan fan fan fan fan fan	and the second of the second o	·
The Ellenburger objective will remain Wi.	ldcat-Ellen.	
Per Case No. 8949 and R-8279 the field of Wildcat-Devonian to South Shoe Bar - Dev	<del>-</del>	rom
work) SEE RULE 1103.		
17. Describe Proposed or Completed Operations (Clearly state all pertinent det	tails, and give pertinent dates, including	estimated date of starting any proposed
orner Field Objective Change	OTHER	
TEMPORARILY ABANDON  PULL OR ALTER CASING CHANGE PLANS	COMMENCE DRILLING OPNS.  CASING TEST AND CEMENT JQB	PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
Check Appropriate Box To Indicate Indic	•	ner Data REPORT OF:
3934' GR		Lea
THE East LINE, SECTION 36 TOWNSHIP 16-S		12. County
4. Location of Well		10. Field and Pool, or Wildcat South Shoe Bar-Devoniar
P. O. Box 633, Midland, TX 79702, Attn:	Lorraine Maroney	9. Well No.
Mobil Proudcing TX & NM INc.		Lovington Deep Yates
OIL X GAS WELL OTHER.		8. Farm or Lease Name State
SUNDRY NOTICES AND REPORTS ON LOG NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG USE "MAPPLICATION FOR PERMIT -" (FORM C-101) FOR SU	N WELLS  BACK TO A DIFFERENT RESERVOIR.  CH PROPOSALS.	7, Unit Agreement Name
		LG-7265
U.S.G.S.  LAND OFFICE  OPERATOR  OPERATOR  OIL CONSERVATION DIVISION SAUTAFE		State X Fee
U.S.G.S.	$\mathcal{U}_{\mathcal{U}}$	5a. Indicate Type of Lease
SANTA FE NEW MEXICO OLL CON	SERVATION COMMISSION	Effective 1-1-65
NO. OF COPIES RECEIVED	*	Form C-103 Superseaes Old C-102 and C-103
	1	

#### . STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-102 Revised 10-1-78

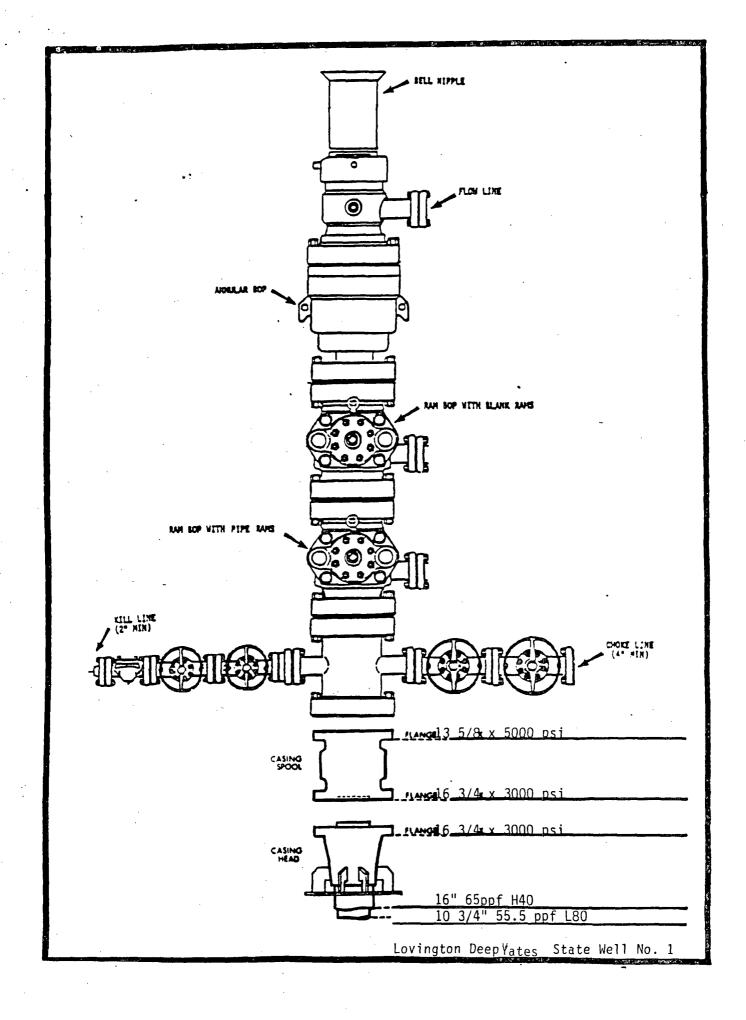
SANTA FE, NEW MEXICO 87501

All distance	es must be from the outer boundaries of the S	ection,
Operator Mobil Droducing TV & N.M. Inc.	TONTON LOCAL DEPOSIT OF THE PARTY OF THE PAR	Well No.
Mobil Producing TX. & N.M. Inc.  Unit Letter Section Township	Lovington Deeb Yates	
P 36 16-S	- 180 - 2 M 18 0 Zel 200 - 11 1 11 - 1	ea
Actual Postage Location of Wells	La transition of the William	
330 feet from the SOUTH Ground Level Elev.   Producing Formation	line and 990 feet from	the east line  Dedicated Acreage:
3934' Devonian	South Shoe Bar	80 Acres
1. Outline the acreage dedicated to the si		······································
2. If more than one lease is dedicated to interest and royalty).	o the well, outline each and identify	the ownership thereof (both as to working
If answer is "no;" list the owners and to this form if necessary.)  No allowable will be assigned to the well	s;' type of consolidation tract descriptions which have actuall l until all interests have been conso	y been consolidated. (Use reverse side of lidated (by communitization, unitization, erests, has been approved by the Division.
	1	CERTIFICATION
		I hereby certify that the Information contained herein is true and complete to the best of my knowledge and belief.  Sweeney  M. E. Sweeney
		Position Environmental & Regulatory Mgr Company Mobil Producing TX. & N.M. Inc Date September 5, 1986
	80 Ac.	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.
	570_	Date Surveyed  May 30, 1986  Registered Professional Engineer and/or Land Surveyor  Norman E. Cuminas
hand hand had		Certificate No.
330 660 80 1370 1680 1880 2310 2640	2000 1500 1000 800	9669

2000

1000

9669



#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

# OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

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

Operator	<del></del>	Ti.	9000			Well Ha.
Mobil Producing	TX. & N. M. Inc.			n Deep Ya	ates State	1
Unit Letter Secti		<u> </u>	Range		County	
p Sector	36 16-5	:	351		Lea	
		<u></u>				
Actual Footage Location o		•	000		F4	
	from the South	line and	990	leet 1	from the East	line
Ground Level Elev.	Producing Formation	f .	col			Dedicated Acreager
3934'	<u>Dévonian-Ellenburg</u>	jer	Wildcat			40 Acres
2. If more than or						he plat below, hereof (both as to working
Yes If answer is "no this form if necessary	e lease of different own nitization, unitization, No If answer is "yo o," list the owners and seary.)	force-pooling	etc?	n have actu	ally been consolid	all owners been consoli- nted. (Use reverse side of
						munitization, unitization, approved by the Division.  CERTIFICATION
	-				tained he	certify that the information con- rein is true and complete to the y knowledge and bolief.
			<del> </del>		Company	Reg. Manager Inc. Producing TX. & N.M.
					Date June 6	
					shown on natos of c under my	certify that the wall location this plot was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my and bellef. CUMPLES A MEXICO
			is in		Date Survivivion  Registered Franchist Land	- CONTRACTION OF THE STATE OF T
0 330 660 990 13	20 1650 1980 2310 2640	2000	1500 10	00 500		9669

NO. OF COPIES RECEIVED					500°	
DISTRIBUTION	*					
SANTA FE	- NEW	MEXICO OIL CONSE	RVATION COMMISSIO	N	Form C-101 Revised 1-1-6	.5
FILE	→ Juffern -	And the state of the state of	`			Type of Lease
U.S.G.S.		CAN ER	ii		STATE	
LAND OFFICE	· : : : : : : : : : : : : : : : : : : :	Training Mi	<u>)</u>		L	& Gas Lease No.
OPERATOR		ा । । । । । । । । । । । । । । ।	##		LG-7265	
	To the second	CHAIN SE			Tilling	imminini
APPLICATION	FOR PERMIT TO	DRILL, DEEPEN,	OR PLUG BACK			
la. Type of Work	<u></u>		<u></u>		7. Unit Agree	ement Name
DRILL X		DEEPEN	DI LIC	BACK	1	
b. Type of Well		DEEPEN []	PLUG	BACK []	8. Farm or Le	ease Name State
OIL X GAS WELL	OTHER	,	SINGLE ME	ZONE	Lovingto	n Deep Yates
2. Name of Operator					9. Well No.	
Mobil Producing Tx	. & N.M. Inc.				1	
3. Address of Operator					10. Field and	d Pool, or Wildcat
P. O. Box 633 - Mi	dland. Texas	79702 , Attn:	Lorraine Marone	ΞΥ	Wildcat-	Dev./Ellen
4. Location of Well UNIT LETTER	Р	ATED _330_	FEET FROM THE SOUTH	LINE	MILLI	
					VIIIII,	
AND 990 FEET FROM TH	e east Lin	E OF SEC. 36	TWP. 16 S RGE. 3	5 F NMPM	GIIIII.	
					12. County	
					Lea	
			19. Proposed Depth	19A. Formatio	n	20. Rotary or C.T.
				<u>Devonian/</u>	<u>Ellenburg</u>	
21. Elevations (Show whether DF, RT	•		21B. Drilling Contractor		22. Approx.	Date Work will start
3934' GR	Active	Blanket	Unknown		8/1/86	
23,	Р	ROPOSED CASING AN	D CEMENT PROGRAM			
	· · · · · · · · · · · · · · · · · · ·			<del></del>		
	IZE OF CASING		SETTING DEPT		CEMENT	EST. TOP
	13 3/8"	48#	450		50	<u>surface</u>
12 1/4"	9 5/8" 5 1/2"	40#	5,200	·	00	Surface
8 3/4"	5 1/2"	17#	13,000 or TD	27	50	5000'
,		•	1	•	'	
·						
BOP Program: See a	ttached skata	h				
bot rrogram. See a	rrached skerc	11				
			!			
			-			
			Pennikkar	tires 6 M	omhs:Fra	mnApprovall
the complete great programme			Data (Inte	ss Drilling	Ilndom	av.
			i i pare sur ja ja i krajanti bisa di juli	.acar (40) 4 1 1 1 1 2	pr. CAT LUCK-WE	o y.
						•
N ABOVE SPACE DESCRIBE PROP	OSED PROGRAM: IF F	PROPOSAL IS TO DEEPEN O	R PLUG BACK, GIVE DATA (	ON PRESENT PRO	DUCTIVE ZONE	AND PROPOSED NEW PRODUC-
IVE ZONE. GIVE BLOWOUT PREVENTER I	PROGRAM, IF ANY.					
hereby certify that the information a	bove is true and comp	lete to the best of my k	nowledge and belief.			
90 17	(C E T-+	a.k. Enudua				
igned 6 mile		z fitle <u>ENVIronm</u>	ental & Regulat	ory Mgr.	Date <u>6/10/</u>	86

CONDITIONS OF APPROVAL, IF ANY:

OIL & GAS INSPECTOR

JUN 1 2 1986

WRS COMPLETION REPORT SEC 36 TWP 16S RGE 35E 30-025-29702-0000 PAGE 1 COMPLETIONS PI# 30-T-0003 11/19/87 NMEX LEA \* 330FSL 990FEL SEC SPOT MOBIL PRODUCING TX & NM WD DO WELL CLASS INIT 1 LOVINGTON DEEP-YATES STATE
WELL NO. LEASE NAME 3950KB 3934GR SHOE BAR S FIELD/POOL/AREA API 30-025-29702-0000 LEASE TYPE. NO. PERMIT OR WELL I.D. NO. 08/19/1987 10/29/1987 ROTARY OIL
SPUD DATE COMP. DATE TYPE TOOL STATUS 5 16000 DEVONIAN LANDIS DRLG RIG SUB 15 PROJ. DEPTH PROJ. FORM CONTRACTOR PB 12678 FM/TD SIL-DEV DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D. LOCATION DESCRIPTION 27 MI NE BUCKEYE. NM WELL IDENTIFICATION/CHANGES PROJ FM CHGD FROM ELLENBURGER FLD CHGD FROM WILDCAT CASING/LINER DATA CSG 13 3/8 @ 451 W/ 450 SACKS CSG 9 5/8 @ 5150 W/ 2500 SACKS CSG 5 1/2 @12685 W/ 4050 SACKS TUBING DATA TBG 2 3/8 AT 12426 INITIAL POTENTIAL IPF 355BOPD 221.0MCFD 9BW 24/64CK 24HRS SIL-DEV PERF W/ 120/IT 12586-12661 GROSS PERF 12586-12611 12619-12622 12628-12643 12646-12661 ACID 12586-12661 8900GALS 15% NEFE MCA TP 150 GTY 47.2 GOR 623 FCP - PKR RESV - DEVONIAN CONTINUED IC# 300257025487

Petroleum Information

PI-WRS-GET

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                                                                  35E
                                                    16S RGE
                                                               PAGE
MOBIL PRODUCING TX & NM LOVINGTON DEEP-YATES STATE
                                                               WD DO
        FORMATION LTH TOP DEPTH/SUB
TYPE
                                               BSE DEPTH/SUB
LOG
                           2002
                                    1948
        RUSTLER
                                    -181
LOG
                           4131
        QUEEN
                           6205
                                   -2255
LOG
        GLORIETA
                                   -3621
LOG
        TUBB
LOG
        AB0
                                   -4301
        WOLFCAMP
PNNSYLVN
LOG
LOG
LOG
        STRAWN
LOG
        ATOKA
LOG
        MORROW
LOG
        CHESTER
                                   -7609
LOG
        MSSP
                          11646
                                   -7696
                          12428
LOG
        WOODFORD
                                   ~8478
        SIL-DEV
                          12589
                                   -8639
LOG
                   LOGS AND SURVEYS /INTERVAL, TYPE/
        450- 5034 DLL
450- 5027 CNL
                               450- 5033 LSS
450- 5027 LDT
                                                      450- 5033 GR
450- 5027 GR
LOGS
LOGS
               DRILLING BREAKS
08730-08735 100% DOLO 08744-08755 100% DOLO 10586-10596
10646-10681
           DRILLING PROGRESS DETAILS
                MOBIL PRODUCING TX & NM
                BOX 633
                MIDLAND, TX 79702
915-684-8211
        FORMERLY ABND LOC UNDER SAME API & IC 30-025-
        70170-86
08/25
08/24
08/27
09/03
09/17
10/01
                LOC/1987/
DRLG 3795
                DRLG BELOW 3795
                5150 TD, WOC
10807 TD, RNG SURVEY
DRLG 12430
                12685 TD, PB 12678, TSTG
10/09
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CONTINUED

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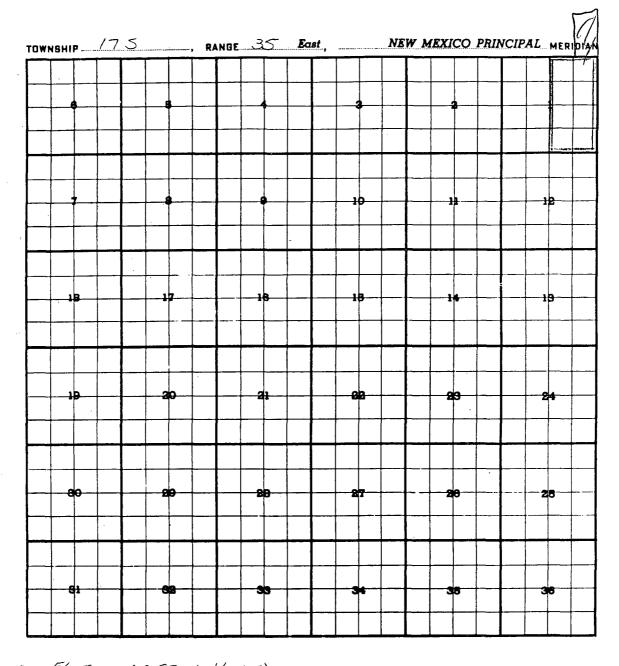
MOBIL PRODUCING TX & NM WD DO LOVINGTON DEEP-YATES STATE

DRILLING PROGRESS DETAILS

10/10 11/16

12685 TD, PB 12678, TSTG
TD REACHED 09/28/87 RIG REL 09/30/87
12685 TD, PB 12678
COMP 10/29/87, IPF 355 BO, 221 MCFG, 9
BWPD THRU 24/64 CK, GOR
623, GTY 47.2, FTP 150,
FCP PKR
PROD ZONE - DEVONIAN 12586-12661
NO CORES OR DSTS RPTD

TOWNSHIP	16 South	RANGE	36 EAST	NMPM	· <sub>f</sub> -
6 +	5	4	3-	2-	1 -1 -1
7	8	9-	10 -	-11	12
	8				12
18	17	16	15 -	14	13
19	20	21-		23	24
30 +	29	28 -	27	26	25
31	32	33 -	34-	35	36
677 5 4	1 sec 3/ (R-	8051 1=2	C-89\		
= 11. 30/7		0036 / 7 %			
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