

OIL CONSERVATION DIVISION
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Shell Western E&P Inc.

An affiliate of Shell Oil Company



P. O. Box 576
Houston, TX 77001

EXPRESS CERTIFIED MAIL

October 24, 1995

Mr. Michael E. Stogner
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Dear Mr. Stogner:

SUBJECT: APPLICATION FOR ADMINISTRATIVE APPROVAL OF AN
UNORTHODOX WELL LOCATION
NORTH VACUUM ATOKA-MORROW GAS POOL
WARN STATE A/C #1, WELL #1
API #30-025-33052
SECTION 31, T17S-R35E - LEA COUNTY, NM

The Warn State A/C #1, Well #1 is currently permitted to drill to a total depth of 13,000' to test the Silurian oil formation at an orthodox well location of 2036' from the South line and 2260' from the West line of Section 31, T17S, R35E in Lea County, New Mexico.

Shell Western E&P Inc. (SWEPI) recently reached a total depth of approximately 12,740' in this well. The Silurian formation is presently being evaluated for completion. While drilling this well, SWEPI unexpectedly encountered gas shows in the Atoka-Morrow interval. In the event that SWEPI decides to plugback and recomplete uphole in the Atoka-Morrow interval, an exception to Commission's Rules & Regulations as set forth in the provisions of Rule 104 C(2)(b) will be required.

Therefore, SWEPI hereby respectfully requests administrative approval for an unorthodox gas well location for the Warn State A/C #1, Well #1 in the North Vacuum Atoka-Morrow Gas Pool pursuant to Rule 104 F(1).

To support our request, enclosed please find a Form C-102 reflecting the proposed 320-acre gas unit. Also, please find enclosed a plat showing the current ownership of all leases offsetting the proposed spacing unit. SWEPI believes approval of this request will be in the interest of conservation and will protect correlative rights.

A copy of this application, along with a waiver form has been forwarded this date to each of the offset operators by Express-Certified mail. Should you have any questions or need any additional information, please contact Yvonne T. Iverson at (713) 544-3226.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Yvonne T. Iverson".

Yvonne T. Iverson
Western Asset - Asset Administration
Continental Division

cc: Mr. Jerry Sexton
New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88241-1980

OFFSET OPERATORS:

Mr. Paul Hall
Phillips Petroleum Company
4001 Penbrook
Odessa, TX 79762

Mr. Danny Pequeno
Mobil Exploration & Production U.S., Inc.
500 W. Illinois
Midland, TX 79701

Mr. Ron Lanning
Texaco Exploration and Production Inc.
500 North Lorraine
Midland, TX 79701

Mr. Joe Rusnak
Marathon Oil Company
125 W. Missouri St.
Midland, TX 79702

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

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

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 and Natural Resources Department

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code 020676	Property Name WARN STATE A/C 1	Well Number 1
OGRID No.	Operator Name SHELL WESTERN E & P INC.	Elevation 3978

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	17 S	35 E		2036	SOUTH	2260	WEST	LEA

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
Dedicated Acres 320	Joint or Infill	Consolidation Code	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

LOT 1					
37.50 AC.					
LOT 2					
37.51 AC.					
LOT 3					
37.42 AC.					
LOT 4					
37.42 AC.					

2260'

2036'

OPERATOR CERTIFICATION

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

Yvonne T. Iverson
Signature

YVONNE T. IVERSON
Printed Name

LAND REPRESENTATIVE
Title

10/24/95
Date

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.

JUNE 21, 1995

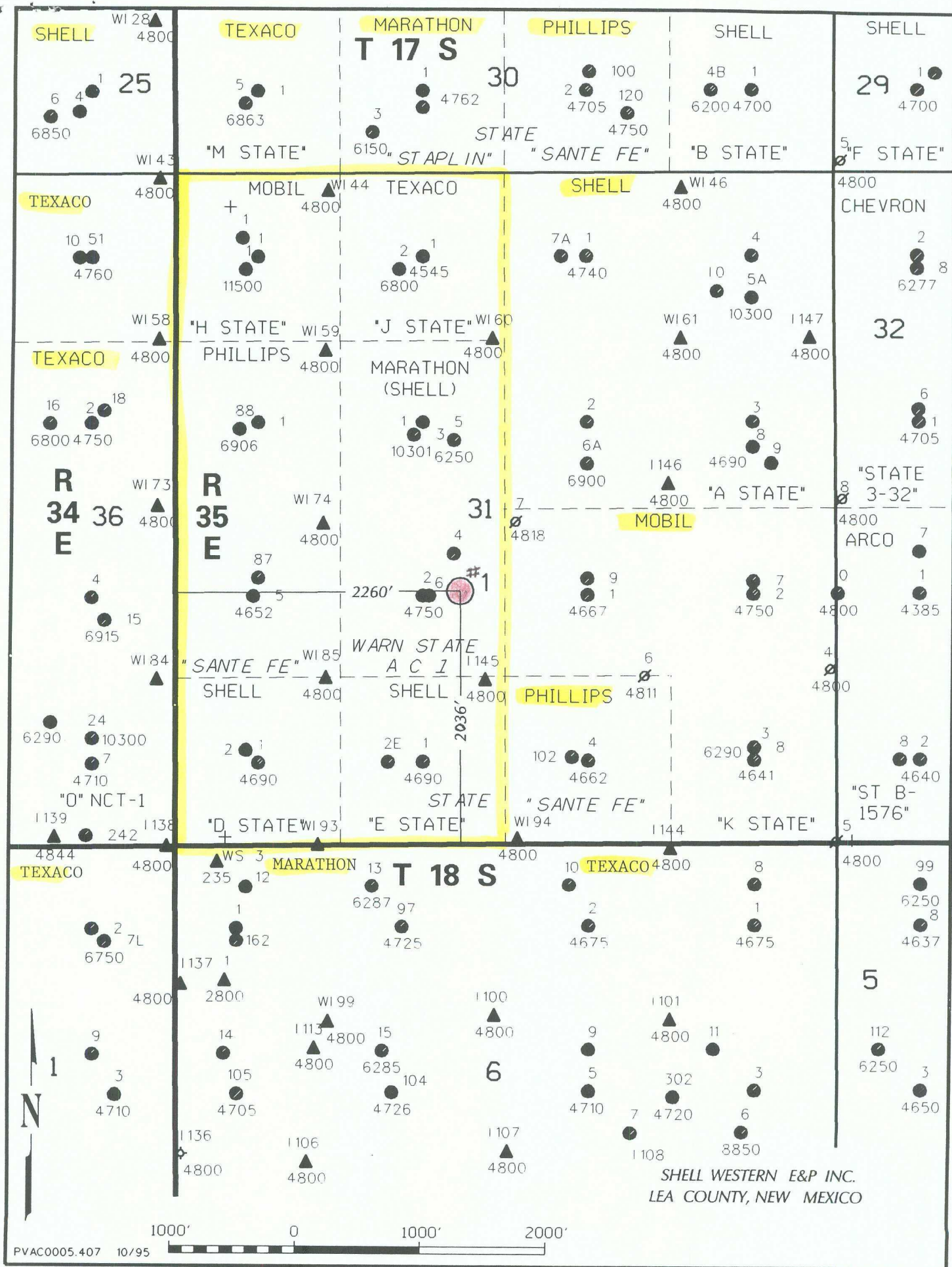
Date Surveyed

Signature of Professional Surveyor

NEW MEXICO

WELL Num. 95-11-0916

Certificate No. JOHN W. WEST 676
RONALD A. EIDSON 3239
DARYL EIDSON 12641



CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/13/95 15:51:54
OGOMES -EMDX
PAGE NO: 1

Sec : 31 Twp : 17S Rng : 35E Section Type : NORMAL

1 37.56 CS B01518 1 08/38 MOBIL PRODUCING T U U A A A	C 40.00 CS B01334 1 01/38 TEXACO EXPLORATIO U U P P A A	B 40.00 CS B02354 2 01/44 SHELL OIL COMPANY U U A P	A 40.00 CS B02354 2 01/44 SHELL OIL COMPANY U U A P A A A A
2 37.51 CS B01606 01/43 PHILLIPS PETROLEU U U A P A	F 40.00 CS B01713 1 02/43 MARATHON OIL CO U U A A P	G 40.00 CS B02354 2 01/44 SHELL OIL COMPANY U U A P A	H 40.00 CS B02354 2 01/44 SHELL OIL COMPANY U U A P A A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/13/95 15:52:04
OGOMES -EMDX
PAGE NO: 2

Sec : 31 Twp : 17S Rng : 35E Section Type : NORMAL

3 37.47 CS B01606 01/43 PHILLIPS PETROLEU U U A A A A A A	K 40.00 CS B01713 1 02/43 MARATHON OIL CO U U A P A A	J 40.00 CS B01527 3 11/38 MOBIL PRODUCING T U U A P A A A A	I 40.00 CS B01527 3 11/38 MOBIL PRODUCING T U U A P A A	
4 37.42 CS B01415 2 01/39 SHELL WESTERN E & U U A P A P	N 40.00 CS B01404 4 01/39 SHELL WESTERN E & U U A A A A	O 40.00 CS B01861 04/43 PHILLIPS PETROLEU U U A P A A A	P 40.00 CS B01527 3 11/38 MOBIL PRODUCING T U U A P A A A	
PF01 HELP PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12



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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

10/31/95

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

RE: Proposed:

MC	_____
DHC	_____
NSL	<u>X</u> _____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

<u>Shell Western E & P Inc</u>	<u>Warn State A/c-1 #1-K</u>	<u>31-17s-35e</u>
Operator	Lease & Well No.	Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed

PETROLEUM INFORMATION MIDLAND REGION REPORT

SECTION III - 11/06/95

PAGE 27

NEW MEXICO DRILLING PROGRESS LEA COUNTY CONTINUED

NATURAL GAS SERVICES
1 SHOE BAR STATE COM
API 30-025-29992-0001

15-17S-35E
SE SW
660 FSL 2030 FWL SEC
IC 300257010695

WILDCAT; 11900 WOLFCAMP, (FR 02/20/95MD) (ST APPD PMT: 02/17/95)
OPER ADD: 3000 N GARFIELD, STE 165, MIDLAND, TX, 79705 PHONE (915) 682-1008; **EL:** 3945 GR; **LOCATION DATA:** 18 MI E MALJAMAR, NM .50 MI NE/12002 (ATOK) GAS PROD IN SHOE BAR SOUTH FLD ;
(VERTICAL) OWWO: OLD INFO: FORMERLY SUN EXPL & PROD 1 SHOE BAR STATE COM. ELEV 3945 GR, 3960 KB. SPUD 9/26/87. 13 3/8 @ 500 W/525 SX, 9 5/8 @ 5322 W/ 2530 SX, 5 1/2 @ 12248 W/2050 SX. LOG TOPS: WOLFCAMP 9750, STRAWN 11540, ATOKA 11650. OTD 12248. PB 12173. COMP 12/8/87. IPCAOF 9964 MCFGPD. PROD ZONE: ATOKA 12035-12070;

WSX

LOC;

SHELL WESTERN E&P INC
5 STATE 'B'
API 30-025-33051

30-17S-35E
465 FSL 621 FEL SEC
IC 300257037495

WILDCAT; 13000 DEVONIAN, (FR 08/08/95MD) **OPER ADD:** BOX 576, HOUSTON, TX, 77001 PHONE (713) 870-2121; **EL:** 3975 GR; **LOCATION DATA:** .50 E BUCKEYE, NM APPROX 300 FT S/4300 (GRBG-SADR) OIL PROD IN UNNAMED FIELD ; (VERTICAL)

WD

LOC;

SHELL WESTERN E&P INC
1 WARN STATE A/C
API 30-025-33052

31-17S-35E
2036 FSL 2260 FWL SEC
IC 300257037695

WILDCAT; 13000 DEVONIAN, (FR 08/09/95MD) **OPER ADD:** BOX 576, HOUSTON, TX, 77001-0576 PHONE (713) 870-2121; **EL:** 3978 GR; **LOCATION DATA:** 1 MI S BUCKEYE, NM APPROX 200 FT S/9916 (WFMP) OIL PROD IN VACUUM FLD ;

WD

■ **CONTR:** NORTON DRLG, **RIG #8;** **SPUD:** 09/04/95, **RIG REL:** 10/30/95; ... 13000 TD, (APPROX) SI (LDIR 11/03/95)

MARATHON OIL
1 ROYAL STATE
API 30-025-33113

33-17S-35E
2310 FSL 1310 FEL SEC
IC 300257046295

WILDCAT; 8400 BLINEBRY, (FR 09/25/95MD) **OPER ADD:** BOX 552, MIDLAND, TX, 79702 PHONE (915) 682-1626; **EL:** 3941 GR; **LOCATION DATA:** 3 MI SE HAWKEYE, NM 3 MI S/8282 (BSPG) OIL PROD IN MID-VACUUM FLD ; **PBHL:** 2310 FSL 1310 FEL SEC, 33-17S-35E; (DEVIATED)

WF

CONTR: PETERSON DRLG, **RIG #1;** **SPUD:** 09/22/95, **RIG REL:** 10/13/95; ... 8400 TD, SI (LDIR 10/17/95)

MARATHON OIL
1 MIDWAY STATE
API 30-025-33071

15-17S-36E
749 FNL 1658 FWL SEC
IC 300257040495

WILDCAT; 10200 WOLFCAMP, (FR 08/24/95MD) (ST APPD PMT: 08/23/95) **OPER ADD:** BOX 552, MIDLAND, TX, 79702 PHONE (915) 682-1626; **EL:** 3852 GR; **LOCATION DATA:** 8 MI NE HUMBLE CITY, NM 1.5 MI SW/4151 (QUEN) GAS PROD IN LOVINGTON FIELD ; (VERTICAL)

WD

■ **CONTR:** PETERSON DRLG, **RIG #1;** **SPUD:** 10/17/95, ... DRLG 6336 (LDIR 11/03/95)

DALEN RESOURCES O&G
1 SHIPP '17' STATE
API 30-025-33072

17-17S-37E
330 FSL 330 FEL SEC
IC 300257040195

MIDWAY; 11300 STRAWN, (FR 08/24/95MD) **OPER ADD:** 6688 N CENTRAL EXPWY, DALLAS, TX, 75206-3922 PHONE (214) 750-3800; **EL:** 3777 GR; **LOCATION DATA:** 4 MI NW HUMBLE CITY, NM ; (VERTICAL)

D

■ **CONTR:** SLEDGE GENE DRLG, **RIG #8;** **SPUD:** 09/25/95, ... DRLG TITE (LDIR 11/01/95)

BTA OIL PRODUCERS
1 SHIPP 'C' 9206 JV-P
API 30-025-33115

27-17S-37E
2310 FNL 2065 FEL SEC
IC 300257047295

WILDCAT; 11800 STRAWN, (FR 09/26/95MD) **OPER ADD:** 104 S PECOS, MIDLAND, TX, 79701 PHONE (915) 682-3753; **EL:** 3724 GR; **LOCATION DATA:** 1 MI NW HUMBLE CITY, NM 2 MI SE/11430 (STRN) OIL PROD IN UNNAMED FLD ; (VERTICAL)

WF

■ **CONTR:** HONDO DRLG, **RIG #11;** **SPUD:** 10/21/95, **CSG:** 13 3/8 @ 405; ... DRLG 4700 (LDIR 11/03/95)

NEARBURG PROD
1 STILLINGS '7D' FEDERAL
API 30-025-30578-0101

7-17S-38E
660 FNL 773 FWL SEC
IC 300257041995

GARRETT WEST; 12500 DEVONIAN, (FR 09/05/95MD) **OPER ADD:** BOX 823085, DALLAS, TX, 75382-3085 PHONE (214) 739-1778; **EL:** 3728 GR; **LOCATION DATA:** 3 MI W KNOWLES, NM ; **PBHL:** 330 FNL 2310 FWL SEC, 7-17S-38E; (DEVIATED) OWWO: OLD INFO: FORMERLY NEARBURG PROD, 1 STILLINGS '7D' FEDERAL. ELEV 3728 GR, 3743 KB. SPUD 3/10/89. 13 3/8 @ 460 W/160 SX, 8 5/8 @ 4650. LOG TOPS: STRAWN 11632, ATOKA 11848, MISSISSIPPIAN 12193. OTD 12825. COMP 4/14/89. D&A;

D R

LOC;

AN-SON CORP
1 SCHAAP '9'
API 30-025-33037

9-17S-38E
330 FNL 330 FWL SEC
IC 300257035595

WILDCAT; 11500 STRAWN, (FR 07/25/95MD) **OPER ADD:** BOX 24060, OKLAHOMA CITY, OK, 73124 PHONE (405) 528-0525; **LOCATION DATA:** 1 MI NW KNOWLES, NM 1.25 MI SE/12689 (DVNN) OIL PROD IN UNNAMED FIELD ; (VERTICAL)

WS

LOC;

YATES HARVEY E
25 YOUNG DEEP UNIT
IC 30-025-70508-95

10-18S-32E
100 FNL 310 FWL SEC

YOUNG NORTH; 9100 BONE SPRING, (FR 10/13/95MD) **OPER ADD:** BOX 1933, ROSWELL, NM, 88202 PHONE (505) 623-6601; **EL:** 3844 GR; **LOCATION DATA:** 7 MI S MALJAMAR, NM ; (VERTICAL)

D

LOC;

YATES HARVEY E
30 YOUNG DEEP UNIT
IC 30-025-70509-95

10-18S-32E
100 FNL 1330 FWL SEC

YOUNG NORTH; 9100 BONE SPRING, (FR 10/13/95MD) **OPER ADD:** BOX 1933, ROSWELL, NM, 88202 PHONE (505) 623-6601; **EL:** 3851 GR; **LOCATION DATA:** 7 MI S MALJAMAR, NM ; (VERTICAL)

D

LOC;

TEXACO EXPL & PROD
WI-17 NEW MEXICO 'L' STATE
API 30-025-32872

1-18S-34E
2560 FNL 10 FEL SEC
IC 300257014295

VACUUM; 8100 DRINKARD, (FR 03/08/95MD) (ST APPD PMT: 03/06/95) **OPER ADD:** BOX 3109, MIDLAND, TX, 79702 PHONE (915) 688-4100; **EL:** 3996 KB; **LOCATION DATA:** 2 MI S BUCKEYE, NM ; (VERTICAL) **WELL ID CHANGES:** WELL NBR CHGD FROM 17

IW

WI

● **CONTR:** NABORS DRLG USA, **RIG #403** **RIG SUB:**14; **SPUD:** 08/11/95 **CSG:** 8 5/8 @ 1541 W/650 SX, 5 1/2 @ 8054 W/1600 SX; **TBG:** 2 3/8 @ 7482;

