August 19, 1996

Shell Western E & P Inc. P. O. Box 576 Houston, Texas 77001

Case 11609

Attention: Yvonne T. Iverson

Re: Application for administrative approval to deepen the State "A" Well No. 10 (API No. 30-025-32844), located at a previously approved unorthodox oil well location for the Undesignated Vacuum-Upper Pennsylvanian Pool, Vacuum-Wolfcamp Pool, and North Vacuum-Abo Pool (see Division Administrative Order NSL-3516, dated April 6, 1995) 940 feet from the North and East lines (Unit A) of Section 31, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico, in order to test the Morrow formation for gas production.

Dear Ms. Iverson:

I am unable to process your application dated August 8, 1996, Division General Rule 104.F(2) provides that, "The Division Director shall have authority to grant an exception to the well location requirements of Sections 104.B and 104.C above or to the well location requirements of special pool rules without notice and hearing when the necessity for such unorthodox location is based upon geologic conditions, archaeological conditions, topographical conditions, or <u>the</u> recompletion of a well previously drilled to a deeper horizon provided said well was drilled at an orthodox or approved unorthodox location for such original horizon". In anticipation that this request will not be opposed I will set this matter on the next available examiner's hearing docket and cause it to be advertised in the following manner:

> Application of Shell Western E & P Inc. for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval to deepen its State "A" Well No. 10 (API No. 30-025-32844), located at a previously approved unorthodox oil well location for the Undesignated Vacuum-Upper Pennsylvanian Pool, Vacuum-Wolfcamp Pool, and North Vacuum-Abo Pool (see Division Administrative Order NSL-3516, dated April 6, 1995) 940 feet from the North and East lines (Unit A) of Section 31, Township 17 South, Range 35 East, in order to test the Morrow formation for gas production at an unorthodox gas well location within a standard 320-acre gas spacing and proration unit to comprise the E/2 of said Section 31. Said unit is located approximately one mile southeast of Buckeye, New Mexico. IN THE ABSENCE OF OBJECTION, THIS MATTER WILL BE TAKEN UNDER ADVISEMENT.

Shell Western E & P Inc. Yvonne T. Iverson page 2

Shell Western E & P Inc. will of course be expected to provide adequate notice of this matter pursuant to Division General Rule 1207.

Should you have any questions or comments concerning this matter, please contact me in Santa Fe at (505) 827-8185. Thank you.

Sincerely,

Michael E. Stogner Chief Hearing Officer/Engineer

cc: Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe William F. Carr - Santa Fe W. Thomas Kellahin - Santa Fe James Bruce - Santa Fe

AUG - 9 1996



Shell Western E&P Inc.

An affiliate of Shell Oil Company

P. O. Box 576 Houston, TX 77001

August 8, 1996

### AIRBORNE EXPRESS

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

Case 11609

Dear Mr. Stogner:

SUBJECT: APPLICATION FOR ADMINISTRATIVE APPROVAL OF AN UNORTHODOX LOCATION WILDCAT MORROW POOL - 320 ACRE GAS UNIT STATE "A", WELL NO. 10 SECTION 31, T17S, R35E LEA COUNTY, NEW MEXICO

Shell Western E&P Inc. (SWEPI) respectfully requests administrative approval of an unorthodox well location for the deepening of the existing State "A", Well No. 10 to the Wildcat Morrow Pool, which is a gas pool. By utilizing this existing wellbore, which is currently completed in the Vacuum Middle Penn and the Vacuum Wolfcamp pools, SWEPI will be able to economically test the Morrow gas formation and will form a 320 acre gas unit. The State "A", Well No. 10 is currently located 940' FNL and 940' FEL of Section 31, T17S, R35E. Oil Conservation Division Rule 104.C.(2)(b) provides that any gas well having more than 160 acres dedicated to it shall be located not closer that 660 feet to the nearest side boundary of the dedicated tract, nor closer that 1650 feet to the nearest end boundary, nor closer that 330 feet to any quarter-quarter section or subdivision inner boundary.

The following information is enclosed to support our request: Form C-101, Form C-102 reflecting the proposed 320-acre gas unit and the unorthodox well location, plat of diagonal and adjoining leases and a list of the affected parties.

A copy of this application on this day has been forwarded to the affected parties via certified mail, return receipt requested, along with a waiver of objection form. Should you have any questions or need any additional information, please do not hesitate to give me a call at (713) 544-3226.

Yours very truly onne T. Iverson

Western Asset - Asset Administration Continental Division

Enclosures

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

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Affected Parties (See enclosed list)

UNORTLOC.DOC - 2

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Ariesia, NM 88211-9719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

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**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

<sup>1</sup> Operator neme and Address   2 GGRID Number     Shell Western E&P Inc.   0.20676     P.O. Box S76   3 AN number     Houston, TX 77001   3 Property Name     * 10   Strate "A"     10   10     * UL or to no.   Section     * A   31     175   35E     A   31     * Property Code   Strate "A"     10   *     * UL or to no.   Section     * Proposed Bottom Hole Location If Different From Surface     UL or to no.   Section     * Proposed Pool I   *     * Proposed Depth   *     * Werk Type Code   *     * Proposed Depth   *     * Proposed Depth   *     * Werk Type Code   *     * Proposed Depth   *     * Proposed Depth   *     * Proposed Depth   *     * Strate Raw   *     * Propos					0 - 4				- 20 02.101	_,			
P.O. Box 578   * API Number 30-0   3 A-0 256-32844     * houston, TX 77001   * Stafface Location   3 - 0 30-025-32844     * 10120   * Stafface Location   * Well Number 10120   10     * Control   Stafface Location   * North/South Line   Feat from the Pado MORTH   East/West line   County     A   31   TOW 35E   Let. Lin   Feat from the Proposed Bottom Hole Location If Different From Surface   County     UL or to no.   Section   Township   Range   Let. Lin   Feat from the North/South Line   Feat from the East/West line   County     UL or to no.   Section   Township   Range   Let. Lin   Feat from the North/South Line   Feat from the East/West line   County     WILDCAT MORROW POOL - POOL CODE 96589   If   Proposed Pool 1   If Countal Level Elovation   3 973*GR     If   Work Type Code   If   Well Type Code   If Contractor   3 973*GR     If   Multiple   If Proposed Casing and Cement Program   Sector Central   Elovation     24*   20*   Conductor   40*   60 53 X   SURFACE     12-1/4*   9-6/8*   3 94#   3							2 OG	RID Number					
Journame     Journame     * Property Code   3     * Property Code   * StarE **     10120   * StarE **     * U, or lot no.   Section     A   31   178     31   178   35E     A   31   178     31   178   35E     A   31   178     31   178   35E     A   31   178     Broposed Bottom Hole Location If Different From Surface   Let A     UL or lot no.   Section   Township     Range   Lot. Lin   Feet from the   North/South Line   Feet from the     VILLOCAT MORROW POOL – POOL CODE 96589   *   *   Baryardian     **   Proposed Pool 1   *   *   Baryardian     **   Proposed Pool 1   *   *   Baryardian     **   Yengosed Pool 1   *   *   Baryardian     **   Yengosed Pool 1   *   *   Baryardian     **   G   R   S   S   Synd Date	Shell Weste	nc.						020676					
* Property Code 10120   3   Property Name   * Woll Number 10     * Unit of tot no.   Section   Township   Range   Lot. Idn   Feet from the 940   Feet from the NORTH   Feet from the 940   East/Wast line   County     IL or tot no.   Section   Township   Range   Lot. Idn   Feet from the North/South Line   Feet from the EAST   LeA     IL or tot no.   Section   Township   Range   Lot. Idn   Feet from the North/South Line   Feet from the East/Wast line   County     IL or tot no.   Section   Township   Range   Lot. Idn   Feet from the North/South Line   Feet from the East/Wast line   County     IV or tot no.   Section   Township   Range   Lot. Idn   Feet from the Range   East/Wast line   County     IV or to no.   Section   Township   Range   Lot. Idn   Feet from the Range   East/Wast line   County     IV or to no.   Section   Township   Range   Lot. Idn   Feet from the Range   East/Wast line   County     IV or to no.   IV or to no.   Section   Section   Secion   Section   Secion	P.O. Box 57				<sup>3</sup> API Numb			PI Number					
TOT20 STATE "A" 10   'Surface Location   Vul face Location   Vul face Location If Different From the Least/West line County   A 31 175 35E Ext. Idn Fest from the North/South Line Fest from the East/West line County   LEA * * Proposed Bottom Hole Location If Different From Surface LEA   UL or lot no. Section Township Range Lot. Idn Fest from the North/South Line Fest from the East/West line County   UL or lot no. Section Township Range Lot. Idn Fest from the North/South Line Fest from the East/West line County   * Proposed Pool I * * Proposed Pool 2 *   * WILDCAT MORROW POOL - POOL CODE 96589 * * Safter Type Code	Houston, T						30-0	30-0 <b>30-025-32844</b>					
<sup>7</sup> Surface Location <sup>9</sup> UL or lot no.   Section   Township   Range   Lot. Ian   Feat from the 940   NORTH   940   East/West line   County     A   31   178   35E   940   NORTH   940   EAst/West line   County     Proposed Bottom Hole Location If Different From Surface   UL or tot no.   Section   Township   Range   Lot. Ián   Peet from the   North/South Line   Peet from the   East/West line   County     VL or tot no.   Section   Township   Range   Lot. Ián   Peet from the   North/South Line   Peet from the   East/West line   County     VL or tot no.   Section   Township   Range   Lot. Ián   Peet from the   North/South Line   Peet from the   East/West line   County     VL or tot no.   Section   Township   Range   Lot. Ián   Peet from the   North/South Line   Peet from the   East/West line   County     VL or tot no.   UL or tot no.   VI Proposed Degit   Yes Code   Yes Group   Yes Group   Yes Group   Yes Group   Yes Group   Yespod Date   Yes Group   <	<sup>4</sup> Property Code					5	Property Name		····			<sup>6</sup> Well Number	
UL or lot no.   Section   Township   Range   Lot. Mar   Peet from the 940   North/South Line   Feet from the EAST   EAST   LEA     3   178   35E   35E   940   NORTH   940   EAST   LeA     3   Proposed Bottom Hole Location If Different From Surface   UL or lot no.   Section   Township   Range   Lot. Mar   Feet from the   North/South Line   Feet from the   East/West line   County     UL or lot no.   Section   Township   Range   Lot. Mar   Feet from the   North/South Line   Feet from the   East/West line   County     WILDCAT MORROW POOL - POOL CODE 96589   10   0   Proposed Pool 1   0   Proposed Pool 2     11   Work Type Code   12   Well Type Code   19   ColeF/Rotary   MLase Type Code   19   Grand Level Elevation     10   NO   11,850'   MORROW   NORTON DRLG. CO.   8/28/96   3973'GR     24"   20"   Connoutcorn   40'   60 SX   SURFACE   12-1/2"   13-3/8"   S4.50#   1478'   1350 SX   SURFACE   12-1/2"   <	1					STATE "A"					10		
A   31   178   35E   940   NORTH   940   EAST   LEA     * Proposed Bottom Hole Location If Different From Surface     UL or tot no.   Section   Township   Range   Lo. Ján   Feet from the   North/South Line   Feet from the   East/West line   County     *   Proposed Pool 1   *   Proposed Pool 2   *   *   Proposed Pool 2     *   WILDCAT MORROW POOL – POOL CODE 96589   *   *   *   *   *   S   9973*CR     *   *   Multiple   *   *   Proposed Depth   *   *   S   9973*CR     *   Multiple   **   *   Proposed Casing and Cement Program   *   S   \$9973*CR     **   Mole Size   Casing Size   Casing weight/foot   Setting Depth   Sects of Cement   Estimated TOC     24*   20*   CONDUCTOR   40'   60 SX   SURFACE   12-1/4*   9-5/8*   36#   3706*   1250 SX   SURFACE     12-1/4*   3-5/8*   36#   3706*   1250 SX   SURFACE   12-1/4* </td <td></td> <td></td> <td><sup>7</sup> Surface I</td> <td>Location</td> <td></td> <td></td> <td></td> <td></td> <td></td>			<sup>7</sup> Surface I	Location									
* 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     * Proposed Pool 1   *   Proposed Pool 2   *   Proposed Pool 2     * ULDCAT MORROW POOL – POOL CODE 96589   *   *   Proposed Pool 2     **   G   R   S   S973*GR     **   Multiple   *   Proposed Depth   *   Formations   *   Onth/South Release Type Code   *   S973*GR     **   Multiple   **   Proposed Depth   **   Formations   **   Ontractor   20 Spud Date     NO   11.850*   MORROW   NORTON DRLG. CO.   8/28/96   **   Proposed Casing and Cement Program     Hole Size   Casing Size   Casing weight/foot   Secting Depth   Sects of Cement   Estimated TOC     24*   20*   CONDUCTOR   40*   60 SX   SURFACE     12-1/4*   9-5/8*   36#   3706*   1250 SX   SURFACE     12-1/4*   9-5/8*   36#   10,700* </td <td>UL or lot no.</td> <td>Section</td> <td>Townshi</td> <td>p Range</td> <td>Lot. Idn</td> <td>Feet from</td> <td>the North/S</td> <td>outh Line</td> <td>Feet from the</td> <td colspan="2">the East/West</td> <td>County</td>	UL or lot no.	Section	Townshi	p Range	Lot. Idn	Feet from	the North/S	outh Line	Feet from the	the East/West		County	
Proposed Doubon Hole Location in Different Prom Surface     UL or lot no.   Section   Township   Range   Lot. Ian   Feet from the   North/South Line   Feet from the   East/West line   County     9   Proposed Pool 1   10   Proposed Pool 2   10   Proposed Pool 2     WILDCAT MORROW POOL – POOL CODE 96589     11   Work Type Code   12   Well Type Code   13   Cable/Rotary   14 Lesse Type Code   13 Ground Level Elevation     E   G   R   S   3973'GR   20 Spud Date   20 Spud Date     NO   11,850'   MORROW   NORTON DRLG. CO.   8/28/96   21 Proposed Casing and Cement Program     10 Forther Conductor   40'   60 SX   SURFACE     12-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-6/8"   36#   3706'   1250 SX   SURFACE     12-1/4"   9-6/8"   36#   10,700'   2880 SX   4230' (CeL)     6   1/8"   5" LINER   15#   10,450-11,850   560 SX   TOC 10,450'     2"Describe the proposed	A	31	175	35E		940	) NC	DRTH	940	EAS	EAST LEA		
* Proposed Pool 1   ** Proposed Pool 2     WILDCAT MORROW POOL - POOL CODE 96589     ** Wild CAT MORROW POOL - POOL CODE 96589     ** Wild CAT MORROW POOL - POOL CODE 96589     ** Wild CAT MORROW POOL - POOL CODE 96589     ** Multiple   ** Well Type Code   ** Gate R   S   3973*GR     ** Multiple   ** Proposed Depth   ** Formations   ** Contractor   20 Spud Date     NO   11,850*   MORROW   NORTON DRLG. CO.   8/28/96     ************************************			Hole Locati	on If Differ	ent Fron	n Surface							
WILDCAT MORROW POOL - POOL CODE 96589     11   Work Type Code   12   Well Type Code   13   Cable/Rotary <sup>14</sup> Lease Type Code   13   Ground Level Elevation     E   G   R   S   3973'GR     16   Multiple   17   Proposed Depth   18   Formations   19   Contractor   20   Spud Date     NO   11,850'   MORROW   NORTON DRLG. CO.   8/28/36     21     Proposed Casing and Cement Program     Hole Size   Casing Size   Casing weight/fox   Setting Depth   Sacks of Cement   Estimated TOC     24"   20"   CONDUCTOR   40'   60 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     12-3/4"   7"   23# 2.6#   10,700'   2880 SX   4230' (CBL)   6     16   1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450'     20   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 a	UL or lot no. Section Township		p Range	Range Lot. Idn		the North/S	outh Line	Feet from the	East/West line		County		
WILDCAT MORROW POOL - POOL CODE 96589     11   Work Type Code   12   Well Type Code   13   Cable/Rotary <sup>14</sup> Lease Type Code   13   Ground Level Elevation     E   G   R   S   3973'GR     16   Multiple   17   Proposed Depth   18   Formations   19   Contractor   20   Spud Date     NO   11,850'   MORROW   NORTON DRLG. CO.   8/28/36     21     Proposed Casing and Cement Program     Hole Size   Casing Size   Casing weight/fox   Setting Depth   Sacks of Cement   Estimated TOC     24"   20"   CONDUCTOR   40'   60 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     12-3/4"   7"   23# 2.6#   10,700'   2880 SX   4230' (CBL)   6     16   1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450'     20   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 a			9 Propos	d Pool 1					10 Proposed Po	<u></u>			
II   Work Type Code   I2   Well Type Code   I3   Cable/Rotary   I4 Lease Type Code   I3 Ground Level Elevation     E   G   R   S   3973'GR     16   Multiple   I7 Proposed Depth   I8< Formations   I9 Contractor   20 Spud Date     NO   11,850'   MORROW   NORTON DRLG. Co.   8/28/96     21   Proposed Casing and Centent Program     Hole Size   Casing Size   Casing weight/foot   Sects of Centent   Estimated TOC     24"   20"   CONDUCTOR   40'   60 SX   SURFACE     17-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     12-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6   1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450'     2"   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 necesary   OIL CONSERVATION DIVISION<			-						- Hoposed Pe				
E G R S 3973'GR <sup>16</sup> Multiple <sup>17</sup> Proposed Depth <sup>18</sup> Formations <sup>19</sup> Contractor <sup>20</sup> Spud Date   NO 11,850' MORROW NORTON DRLG. CO. 8/28/96 <sup>21</sup> Proposed Casing and Cement Program 20 " Conductor 40 ' 60 Sx SURFACE   17-1/2" 13-3/8" 54.50# 1478' 1350 SX SURFACE   12-1/4" 9-5/6" 36# 3706' 1250 SX SURFACE   8-3/4" 7" 23# & 25# 10,700' 2880 SX 4230' (CBL)   6 1/8" 5" LINER 15# 10,450-11,850 550 SX TOC 10,450' <sup>20</sup> 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 proposed program. If this application al sheet if necessary   PROPOSED PROGRAM: 2000# RAM PREVENTER <sup>23</sup> Linerby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup>23</sup> Linerby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup>24</sup> Lineby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup>25</sup> Lineby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup></sup>		CAT MORE	ROW PO	<u> 0L - POOL C</u>	ODE 965	589							
E G R S 3973'GR <sup>16</sup> Multiple <sup>17</sup> Proposed Depth <sup>18</sup> Formations <sup>19</sup> Contractor <sup>20</sup> Spud Date   NO 11,850' MORROW NORTON DRLG. CO. 8/28/96 <sup>21</sup> Proposed Casing and Cement Program 20 " Conductor 40 ' 60 Sx SURFACE   17-1/2" 13-3/8" 54.50# 1478' 1350 SX SURFACE   12-1/4" 9-5/6" 36# 3706' 1250 SX SURFACE   8-3/4" 7" 23# & 25# 10,700' 2880 SX 4230' (CBL)   6 1/8" 5" LINER 15# 10,450-11,850 550 SX TOC 10,450' <sup>20</sup> 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 proposed program. If this application al sheet if necessary   PROPOSED PROGRAM: 2000# RAM PREVENTER <sup>23</sup> Linerby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup>23</sup> Linerby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup>24</sup> Lineby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup>25</sup> Lineby certify that the information given advee is true and complete to the best of my knowledge and blief. <sup></sup>	11 Work Ty	vne Code		12 Well Type C	ode	13 Cable/	Rotary 14 Lease Type Code			15 G	15 Ground Level Elevation		
16 Multiple   17 Proposed Depth   18 Formations   19 Contractor   20 Spud Date     NO   11,850'   MORROW   NORTON DRLG. CO.   8/28/96     21 Proposed Casing and Cement Program     Hole Size   Casing Size   Casing weight/foot   Setting Depth   Sacks of Cement   Estimated TOC     24"   20"   CONDUCTOR   40'   60 SX   SURFACE     17-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     8-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6   1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450'     2 <sup>20</sup> 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   OIL CONSERVATION DIVISION     PROPOSED PROGRAM:   DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     FORMATION.   BOP PROGRAM:   2000# RAM PREVENTER <sup>31</sup> Intereby certify that the information given at two i		, be 'none			won Type Code			Louise Type Code		CIONIN LATER LIGTAL			
NO   11,850'   MORROW   NORTON DRLG. CO.   8/28/96 <sup>21</sup> Proposed Casing and Cement Program     Hole Size   Casing Size   Casing weight/foot   Setting Depth   Sacks of Cement   Estimated TOC     24"   20"   CONDUCTOR   40'   60 SX   SURFACE     17-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     8-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6   1.8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450' <sup>21</sup> 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   PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     POPOSED PROGRAM:   2000# RAM PREVENTER   OIL CONSERVATION DIVISION <sup>31</sup> Lbreby certify that the information given adverse is true and complete to the best of my knowledge and blief.   OIL CONSERVATION DIVISION     Signature:   YONNE T. IVERSON   Title:													
<sup>21</sup> Proposed Casing and Cement Program     Hole Size   Casing Size   Casing weight/foot   Setting Depth   Sacks of Cement   Estimated TOC     24"   20"   CONDUCTOR   40"   60 SX   SURFACE     17-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     8-3/4"   7"   23# 8 26#   10,700'   2880 SX   4230' (CBL)     6 1/8"   5" LINER   15#   10.450-11.850   550 SX   TOC 10.450' <sup>20</sup> 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     PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     FORMATION.     BOP PROGRAM:   2000# RAM PREVENTER <sup>23</sup> I hereby certify that the information given at the is true and complete to the best of my knowledge and Hief.   OIL CONSERVATION DIVISION     Signature:   YuonNE T. IVERSON   Title:   Approved by:   Title:     Title:   LAND REPRESE	<sup>16</sup> Mul	tiple		17 Proposed De	Proposed Depth		ations	19	" Contractor		Spud Date		
Hole Size   Casing Size   Casing weight/foot   Setting Depth   Sacks of Cement   Estimated TOC     24"   20"   CONDUCTOR   40'   60 SX   SURFACE     17-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     8-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6   1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450' <sup>20</sup> 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     PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     FORMATION.     BOP PROGRAM: 2000# RAM PREVENTER <sup>23</sup> Lhereby certify that the information given above is true and complete to the best of my knowledge and Elief.     Signature:   Yumme     YUNNE T. IVERSON   Title:     Title:   LAND REPRESENTATIVE     Date:   Conditions of Approval     Date:   Q / Q / Q /	11	0		11 <u>,</u> 850	11,850'		MORROW		FON DRLG. CO.		8/28/96		
24"   20"   CONDUCTOR   40'   60 Sx   SURFACE     17-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     8-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6 1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450' <sup>20</sup> 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   PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     FORMATION.   BOP PROGRAM: 2000# RAM PREVENTER   OIL CONSERVATION DIVISION <sup>23</sup> Lhereby certify that the information given at we is true and complete to the best of my knowledge and Elicf.   OIL CONSERVATION DIVISION     Signature:   Approved by:   Title:   Item Title:     Printed name:   IVONNE T. IVERSON   Title:   Expiration Date:     Title:   LAND REPRESENTATIVE   Approval Date:   Expiration Date:     Date:   Q / p / A/.   Phone:   Conditions of Approval: <td></td> <td></td> <td></td> <td></td> <td><sup>21</sup> Prope</td> <td>osed Casing</td> <td>and Cement</td> <td>Program</td> <td>m</td> <td></td> <td></td> <td></td>					<sup>21</sup> Prope	osed Casing	and Cement	Program	m				
17-1/2"   13-3/8"   54.50#   1478'   1350 SX   SURFACE     12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     8-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6 1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450' <sup>20</sup> 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     PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     FORMATION.     BOP PROGRAM: 2000# RAM PREVENTER <sup>23</sup> Lhereby certify that the information given at we is true and complete to the best of my knowledge and thief.     Signature:     Winnet     Printed name:     YVONNE T. IVERSON     Title:   LAND REPRESENTATIVE     Date:   Q / Q / A/.     Phone:   Conditions of Approval:	Hole Si	ze	C	asing Size	Casing	g weight/foot							
12-1/4"   9-5/8"   36#   3706'   1250 SX   SURFACE     8-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6 1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450' <sup>20</sup> 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     PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     FORMATION.     BOP PROGRAM: 2000# RAM PREVENTER <sup>23</sup> I hereby certify that the information given at two is true and complete to the best of my knowledge and blief.     Signature:   Image: Complete to the best of my knowledge and blief.     Printed name:   TVONNE T. IVERSON     Title:   LAND REPRESENTATIVE     Date:   Q / Q / Q / Q / Q / Q / Q / Q / Q / Q /	24"			20"	CON	DUCTOR 40'			60 SX		SURFACE		
8-3/4"   7"   23# & 26#   10,700'   2880 SX   4230' (CBL)     6 1/8"   5" LINER   15#   10,450-11,850   550 SX   TOC 10,450' <sup>22</sup> 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   PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW     PROPOSED PROGRAM: 2000# RAM PREVENTER   BOP PROGRAM: 2000# RAM PREVENTER   OIL CONSERVATION DIVISION <sup>23</sup> I hereby certify that the information given at two is true and complete to the best of my knowledge and tellef.   OIL CONSERVATION DIVISION     Signature:   Approved by:   Title:     Printed name:   YVONNE T. IVERSON   Title:     Title:   LAND REPRESENTATIVE   Approval Date:   Expiration Date:     Date:   Q / p / Q / p   Phone:   Conditions of Approval:	17-1/	/2"	1	3-3/8"	5	4.50#	1478	,	1350 SX		SURFACE		
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of my knowledge and blief. OIL CONSERVATION DIVISION   Signature: Approved by:   Printed name: YVONNE T. IVERSON   Title: LAND REPRESENTATIVE   Date: Q / Q / Q / Q / Q / Q / Q / Q / Q / Q /	Describe the blowout prevention program, if any. Use additional sheets if necessary PROPOSED PROGRAM: DEEPEN THE EXISTING WELLBORE TO A TOTAL DEPTH OF 11,850' AND TEST THE MORROW FORMATION.												
Printed name: Title:   Title: LAND REPRESENTATIVE   Date: q / q / q / q / q / q / q / q / q / q /	of my knowledge and belief.												
Title: LAND REPRESENTATIVE Approval Date: Expiration Date:   Date: $\sigma / \rho / $	Printed answer						Title:				[		
Date: $q/p/q/q$ Phone: Conditions of Approval:							Approval Date	Approval Date: Expiration Date:					
	Date: o/ o/o/. Phone:												

DISTRICT I P.0. Box 1980, Hobbs, NM 88243

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

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

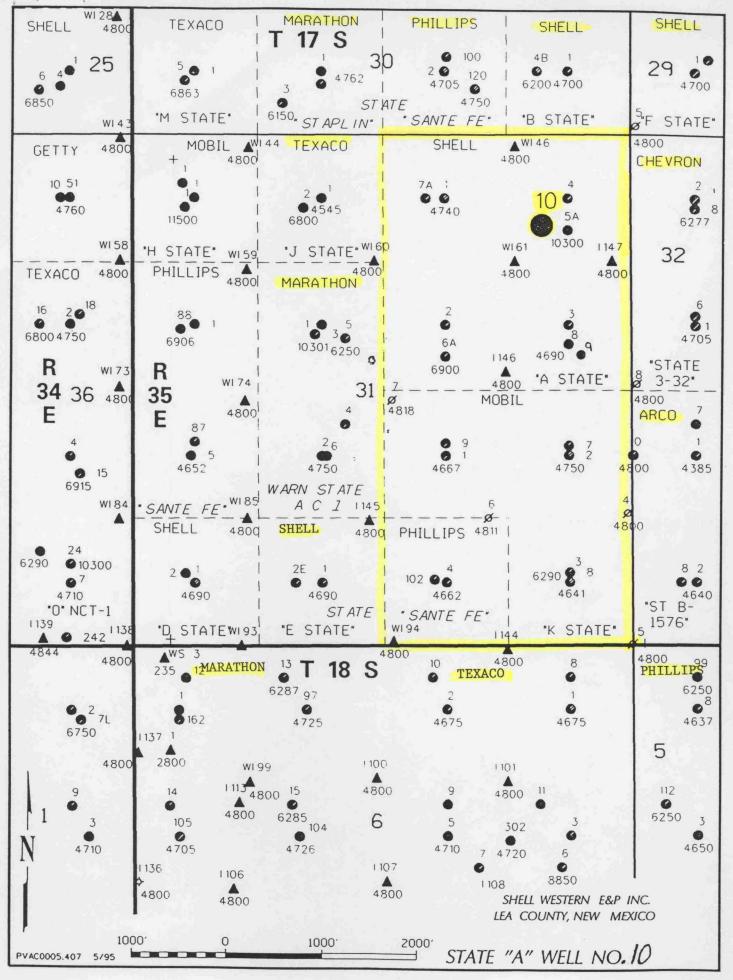
## OIL CONSERVATION DIVISION

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

**D** AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-32844 96				Pool Code 96589 WILDCAT-MORE			Pool Name RROW POOL				
Property Code 10120				11.11.12.12.12.12.12.12.12.12.12.12.12.1	Property Nam		Well Number 10				
ogrid No. 020676					Operator Nam WESTERN	E & P INC.	Elevation 3973				
	1 * *			Su	rface Loca	ation	S. S.	( i en je i en			
UL or lot No.SectionTownshipA3117			Range 35 E			North/South line NORTH	Feet from the 940	Bast/West line EAST	County LEA		
			Bottom	Hole Locatio	on If Diffe	rent From Sur	face				
UL or lot No.	Section	Township	Range	Lot Idn Fee	et from the	North/South line	Feet from the	Bast/West line	County		
Dedicated Acre 320 NO ALLO		WILL BE AS	SSGNED T	O THIS COMI	PLETION U	NTIL ALL INTER APPROVED BY	ESTS HAVE BE	I. EN CONSOLIDA	TED		
LOT 1 37.50 AC LOT 2 37.51 AC	2			SHELL	3959.1	SHELL 	OPERATO I hereb contained herei best of my know <u>JUUUM</u> Sfenature <u>YVONNE</u> <u>Printed Nam</u> LAND REI Title <u>8-8</u> Date	DR CERTIFICA of certify the the in n is true and compi- bildge and bolies. <u>e T. Juec</u> F. IVERSON PRESENTATIVE -96 DR CERTIFICA	formation lete to the		
LOT 3 37.42 AC LOT 4 37.42 AC	RES			MOBIL PHILLI		MOBIL MOBIL	on this plat w actual surveys supervison a correct to th	y that the well local made by me or nade by me or nad that the same is that the same is best of my better JARY 19, 1995 DLAND Surveyor Surveyor D. 94-0-2 Missing School of Surveyor	d notes of under my s true and ef.		



# LIST OF AFFECTED PARTIES

State "A", Well No. 10 Section 31, T17S, R35E Lea County, New Mexico

> Arco Permian P. O. Box 1610 Midland, TX 70702

Chevron U. S. A. Inc. Box 1635 Houston, TX 77251

Marathon Oil Company Box 552 Midland, TX 79702-0552

Phillips Petroleum Company 4001 Penbrook Odessa, TX 79762

Texaco, Inc. Box 3109 Midland, TX 79702-3109 Dear Affected Party:

SUBJECT: APPLICATION FOR ADMINISTRATIVE APPROVAL OF AN UNORTHODOX LOCATION WILDCAT MORROW POOL - 320 ACRE GAS UNIT STATE "A", WELL NO. 10 SECTION 31, T17S, R35E LEA COUNTY, NEW MEXICO

Please find attached an application for administrative approval of an unorthodox well location for the State "A", Well No. 10 deepening to the Wildcat Morrow Pool filed with the State of New Mexico-Oil Conservation Division on this day by Shell Western E&P Inc. (SWEPI). Please be advised that if you have an objection to this application, it must be filed in writing within twenty days from the date of this application.

In the event that you have no objection to this application, please indicate your approval to our request as detailed in the attached application, by signing this waiver of objection form. Please forward the signed waiver to the New Mexico Oil Conservation Division (NMOCD), P. O. Box 2088, Santa Fe, New Mexico and forward one copy to SWEPI in the enclosed business reply envelope.

Thank you for your attention and cooperation in this matter.

#### WAIVER OF OBJECTION

#### SHELL WESTERN E&P INC.

### APPLICATION FOR AN UNORTHODOX GAS WELL LOCATION IN THE WILDCAT MORROW POOL STATE "A", WELL NO. 10 SECTION 31, T17S, R35E LEA COUNTY, NEW MEXICO

I/We do hereby waive any objections to SWEPI's request for NMOCD Administrative approval of an unorthodox gas well location for the State "A", Well No. 10, located 940' FNL and 940" FEL of Section 31, T17S, R35E in Lea County, NM.

SIGNATURE:	
TITLE:	
COMPANY:	
DATE:	

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