

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address Nadel and Gussman Permian 601 N. Marienfeld, Suite 508, Midland, Texas 79701		² OGRID Number 155615
		³ API Number 30 - 025 - 02769
³ Property Code 22528 005413	⁵ Property Name Hulda A. Townsend	⁶ Well No. 10

⁷ Surface Location

UL or lot no. E M	Section 9	Township 16-S	Range 35-E	Lot Idn	Feet from the 2130'	North/South line North	Feet from the 660'	East/West line West	County Lea
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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⁹ Proposed Pool 1

Townsend Permo Upper Penn

¹⁰ Proposed Pool 2

¹¹ Work Type Code E	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4034'
¹⁶ Multiple No	¹⁷ Proposed Depth 10,501'	¹⁸ Formation Wolfcamp	¹⁹ Contractor unknown	²⁰ Spud Date +/- 06/15/2002

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
15"	11-3/4"	42#	419'	300 sx	Circulated
11"	8-5/8"	32#	4639'	1800 sx	1000'
7-7/8"	5-1/2"	15.5 & 17#	10,501'	1000 sx	4430'
7-7/8"	5-1/2"	17#	3,140'	500 sx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

Propose to reenter Humble Oil- H.A. Townsend A/C 2 #10, spud date 3/03/56 and P&A on 7/11/69.

- 1. Drill out three top plugs, dress and swage out the 8-5/8" intermediate.**
- 2. Reenter 5-1/2" casing and tie back 5-1/2" @ 3,140' with 5-1/2" string to surface.**
- 3. Cement new 5-1/2" sting as follows: from tie back @ 3140'-2700' and 1000' to surface. Clean out 5-1/2" plug across Wolfcamp @ 10,409'-10,470'**
- 4. Reperforate the original WC zone from 10,409'-10,470' and add Wolfcamp perfs from 10,195'-10,390' and acidize.**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Kem E. McCready</i>		APPROVED BY PAUL F. KAUTZ PETROLEUM ENGINEER	
Printed name: Kem E. McCready		Title:	
Title: Operations Engineer		Approval Date:	Expiration Date:
Date: 6/06/02	Phone: 915 - 682 - 4429	Conditions of Approval: Attached: JUN 13 2002	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

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

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-02769		² Pool Code 59847		³ Pool Name Townsend Permo Upper Penn	
⁴ Property Code 22528		⁵ Property Name Hulda A Townsend			⁶ Well Number 10
⁷ OGRID No. 155615		⁸ Operator Name Nadel and Gussman Permian, L.L.C.			⁹ Elevation

¹⁰ Surface Location

UL or lot no. E	Section 9	Township 16S	Range 35E	Lot Idn	Feet from the 2130'	North/South line North	Feet from the 660'	East/West line West	County Lea
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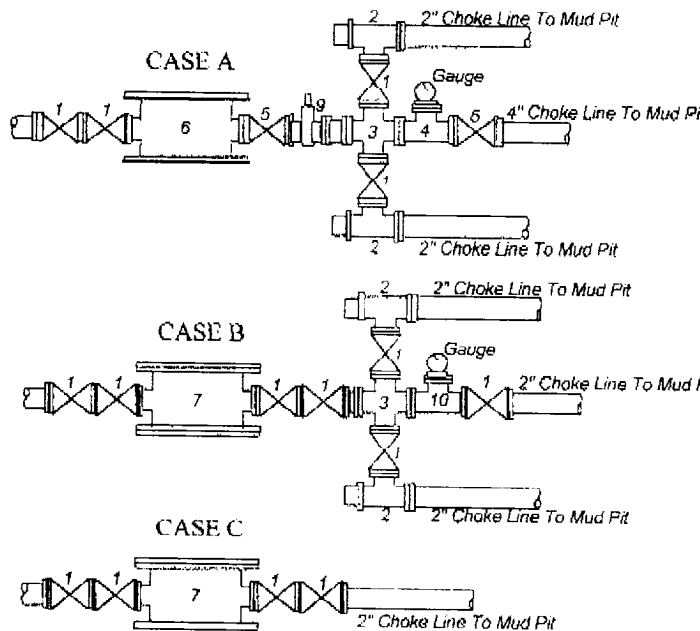
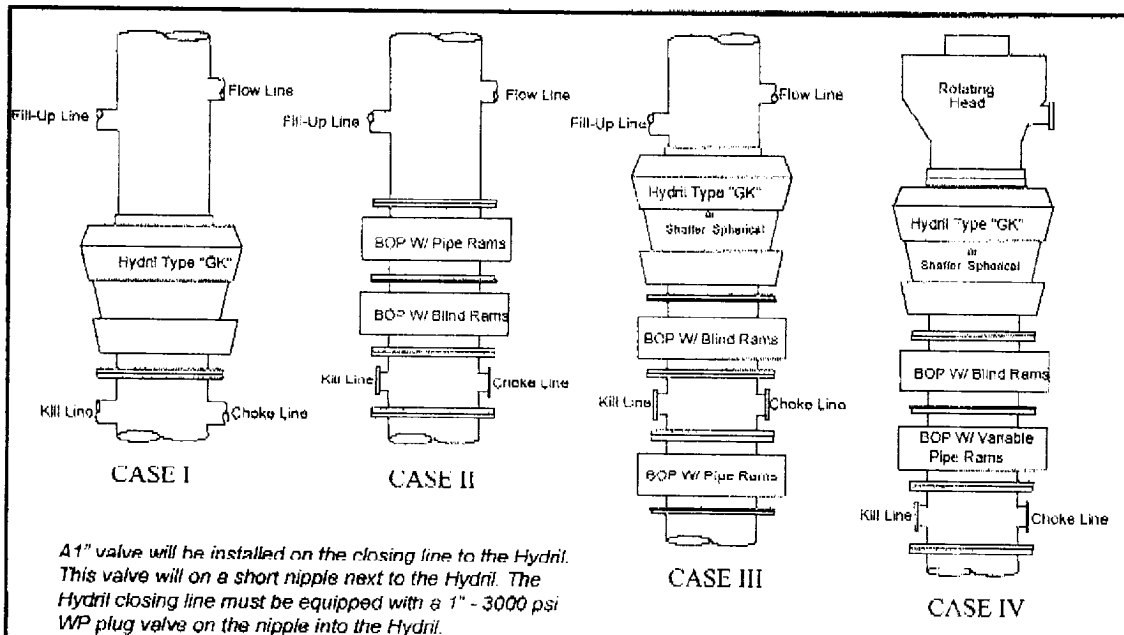
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

¹⁶ 					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Joel E. Martin Printed Name Engineering Manager Title 06/11/02 Date
					¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

Nadel and Gussman Permian Hulda Townsend No.10 MINIMUM BLOWOUT PREVENTER REQUIREMENTS



BOP SIZE	BOP CASE	WORKING PRESSURE	CHOKE CASE
11	II	3000	

***Rotating head required**

Bradenhead : _____

Mfr. : _____

Size: _____ Type: _____

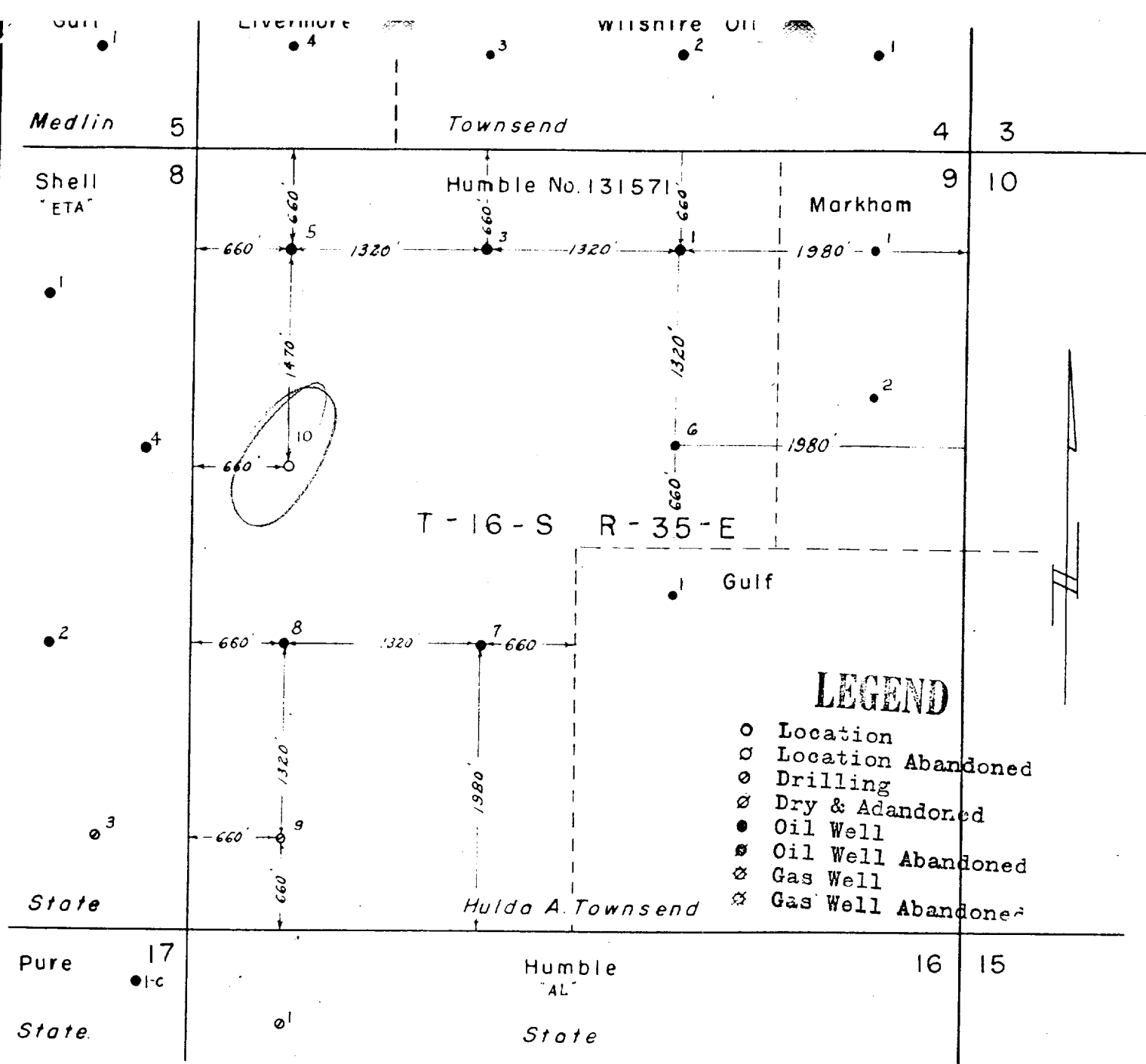
Legend

1. 2" flanged all steel valve must be either Cameron "F", Halliburton Low Torque or Shaffer Flo-Seal.
2. 2" flanged adjustable chokes, min. 1" full opening & equipped with hard trim.
3. 4" x 2" flanged steel cross.
4. 1" flanged steel tee.
5. 4" flanged all steel valve (Type as in no. 1).
6. Drilling Spool with 2" x 4" flanged outlet.
7. Drilling Spool with 2" x 2" flanged outlet.
8. 2" x 2" flanged steel cross.
9. 4" pressure operated gate valve.
10. 2" flanged steel tee.

Notes

Choke manifold may be located in any convenient position. Use all steel fittings throughout. Make 90° turns with bull plugged tees only. No field welding will be permitted on any of the components of the choke manifold and related equipment upstream of the chokes. The choke spool and all lines and fittings must be at least equivalent to the test pressure of the preventers required. Independent closing control unit with clearly marked controls to be located on derrick floor near driller's position.

(10-31-98) WTXBOPS.PPT

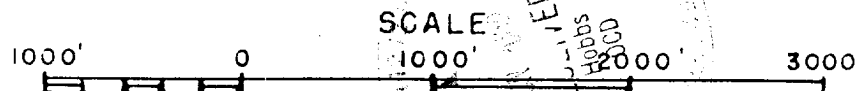


I hereby certify that I am a registered professional engineer and/or land surveyor in the State of New Mexico; that I am familiar with the conditions actually existing on this land and the adjoining lands; that this plat accurately shows, according to the scale indicated thereon, the courses and distances of the proposed well location from public land survey corners and section lines.

Surveyed 29 day of Jan 1956

E.T. Shahan

Registered Professional Engineer & Land Surveyor
in the State of New Mexico. (Seal)



THIS APPLICATION FOR WELL NO. 10

HULDA A. TOWNSEND LSE. NO. 131571
SEC. 9 T-16-S R-35-E LEA CO., NEW MEXICO

HUMBLE OIL & REFINING COMPANY
CIVIL ENGINEERING DIVISION
MIDLAND, TEXAS

DRAWN D. L. MCKIBBIN
CHECKED E.T. Shahan
APPR _____

SCALE 1" = 1000'
DATE 12-31-52
REVISED _____

FILE NO.
WT-A1417

