

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address Texland Petroleum-Hobbs, LLC 777 Main Street, Suite 3200, Fort Worth, TX 76102		113315 OGRID Number ✓
Property Code 34944	Property Name Murphy <del>Drill</del>	API Number 30-025-32322
Proposed Pool 1 Wildcat Drinkard		Well No. #1 ✓
Proposed Pool 2		

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	30	16S	38E		1705	North	2220	East	Lea

**8 Proposed Bottom Hole Location If Different From Surface**

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

**Additional Well Information**

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code P	15 Ground Level Elevation 3745' ✓
16 Multiple N	17 Proposed Depth 8800'	18 Formation Drinkard	19 Contractor N/A	20 Spud Date est 8/1/05
Depth to Groundwater 65'		Distance from nearest fresh water well 2300'		Distance from nearest surface water N/A
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 4400 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/4"	13 3/8"	48#	400'	500 sks	surface
12 1/4"	8 5/8"	32#	5000'	1200 sks	surface
7 7/8"	5 1/2"	15.5#	8800'	700 sks	4000'

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.

See attached proposed diagram of the rig layout w/lined pits shown. Also included is the blowout preventer diagram.

Texland plans to drill the well to a total depth of 8800' and complete as a Wildcat Drinkard producing well. After reaching TD the completion procedures will be determined after evaluation of the well.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Vickie Smith *Vickie Smith*  
Title: Production Analyst  
E-mail Address: vsmith@texpetro.com  
Date: 7/14/05 Phone: 817-336-2751

**OIL CONSERVATION DIVISION**

Approved by:

*[Signature]*

Title:

PETROLEUM ENGINEER

Approval Date:

JUL 19 2005

Expiration Date:

Conditions of Approval Attached ☐

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

## State of New Mexico

Energy, Minerals and Natural Resources Department

## 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

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-37272</b>	Pool Code <b>27130</b>	Pool Name <b>Garrett; Wildcat Drinkard</b>
Property Code <b>34944</b>	Property Name <b>MURPHY</b>	Well Number <b>1</b>
OGRID No. <b>113315</b>	Operator Name <b>TEXLAND PETROLEUM, LP</b>	Elevation <b>3745'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	30	16-S	38-E		1705	NORTH	2220	EAST	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 <b>40</b>	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				
36.13 AC LOT 2				
36.15 AC LOT 3				
36.17 AC LOT 4				
36.19 AC				

1705'

385'

420'

2220'

GEODETIC COORDINATES  
NAD 27 NME

Y=691332.7 N  
X=852520.0 E

LAT.=32°53'43.00" N  
LONG.=103°11'05.59" W

**OPERATOR CERTIFICATION**

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

Vickie Smith  
Signature

Vickie Smith  
Printed Name

Production Analyst  
Title

7/12/05  
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.

JULY 6, 2005

Date Surveyed \_\_\_\_\_ JR

Signature \_\_\_\_\_

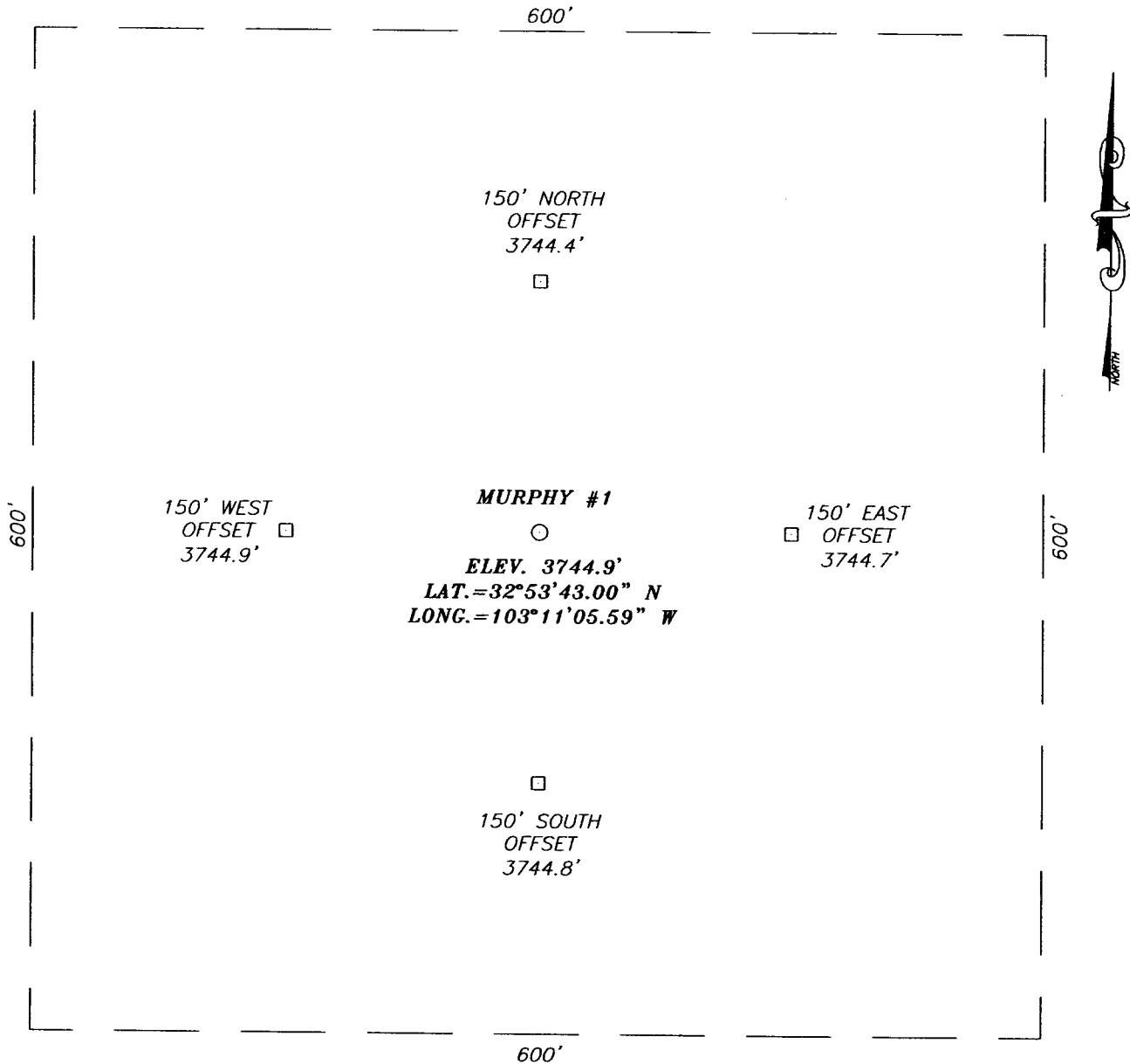
Professional Surveyor

GARY E. ELLISON  
7/7/05

05.11.0964

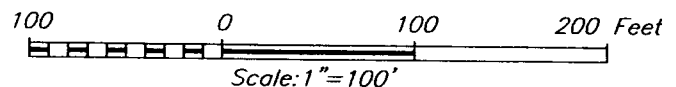
Certificate No. GARY E. ELLISON 12641

**SECTION 30, TOWNSHIP 16 SOUTH, RANGE 38 EAST, N.M.P.M.,**  
 LEA COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

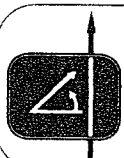
FROM THE INTERSECTION OF ST. HWY. #132 AND CO. RD. L-88 (THORNHILL RD.) GO WEST ON CO. RD. L-88 FOR APPROX. 3.5 MILES TO A CALICHE ROAD ON THE LEFT. TURN LEFT (SOUTH) AND GO APPROX. 0.3 MILES. THIS LOCATION IS APPROX. 250' EAST OF ROAD.



**TEXLAND PETROLEUM, LP**

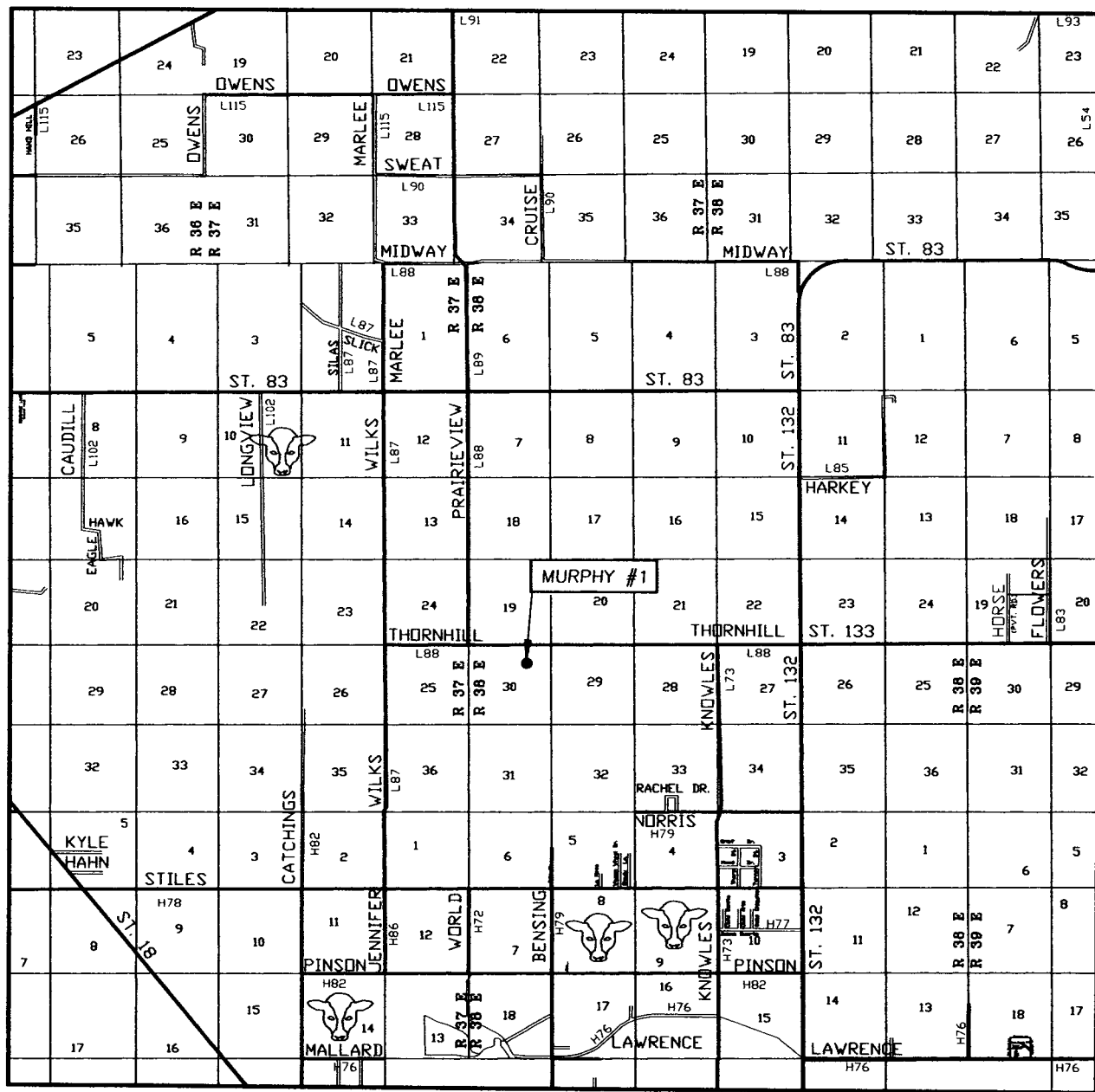
**MURPHY #1 WELL**  
 LOCATED 1705 FEET FROM THE NORTH LINE  
 AND 2220 FEET FROM THE EAST LINE OF SECTION 30,  
 TOWNSHIP 16 SOUTH, RANGE 38 EAST, N.M.P.M.,  
 LEA COUNTY, NEW MEXICO.

Survey Date: 07/06/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0964	Dr By: J.R. Rev 1:N/A
Date: 07/07/05	Disk: CD#5 05110964 Scale: 1"=100'



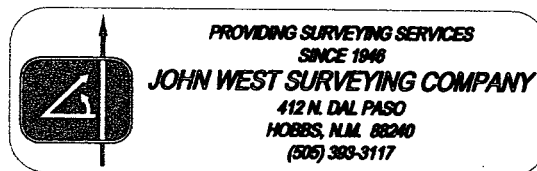
**PROVIDING SURVEYING SERVICES  
 SINCE 1946**  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (505) 393-3117

# VICINITY MAP

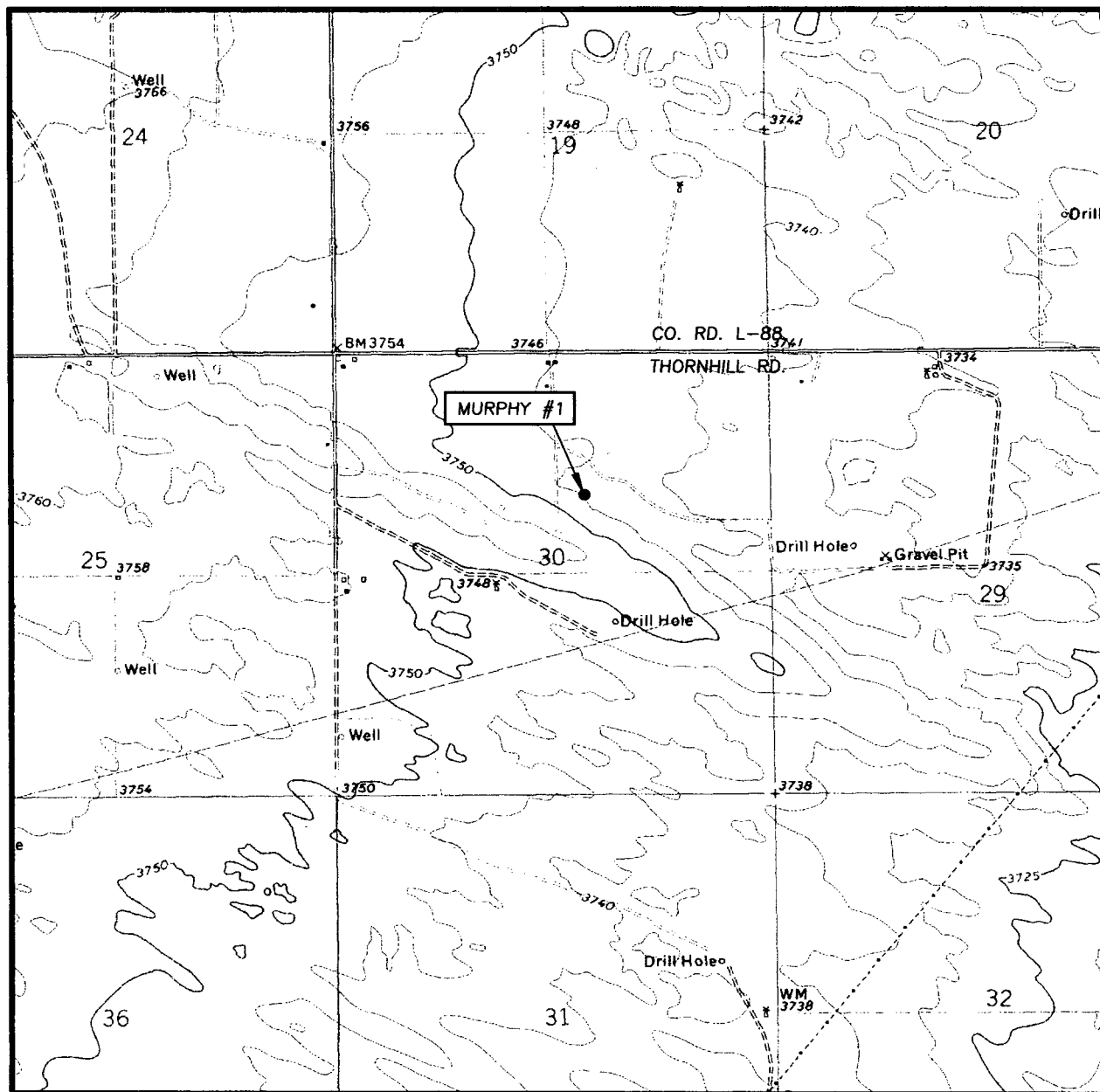


SCALE: 1" = 2 MILES

SEC. 30 TWP. 16-S RGE. 38-E  
 SURVEY N.M.P.M.  
 COUNTY LEA  
 DESCRIPTION 1705' FNL & 2220' FEL  
 ELEVATION 3745'  
 OPERATOR TEXLAND PETROLEUM, LP  
 LEASE MURPHY



# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
HUMBLE CITY NW, N.M. - 5'

SEC. 30 TWP. 16-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

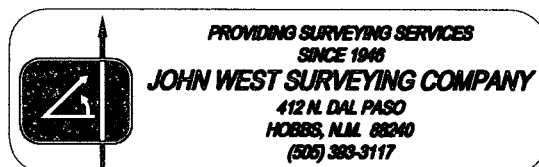
DESCRIPTION 1705' FNL & 2220' FEL

ELEVATION 3745'

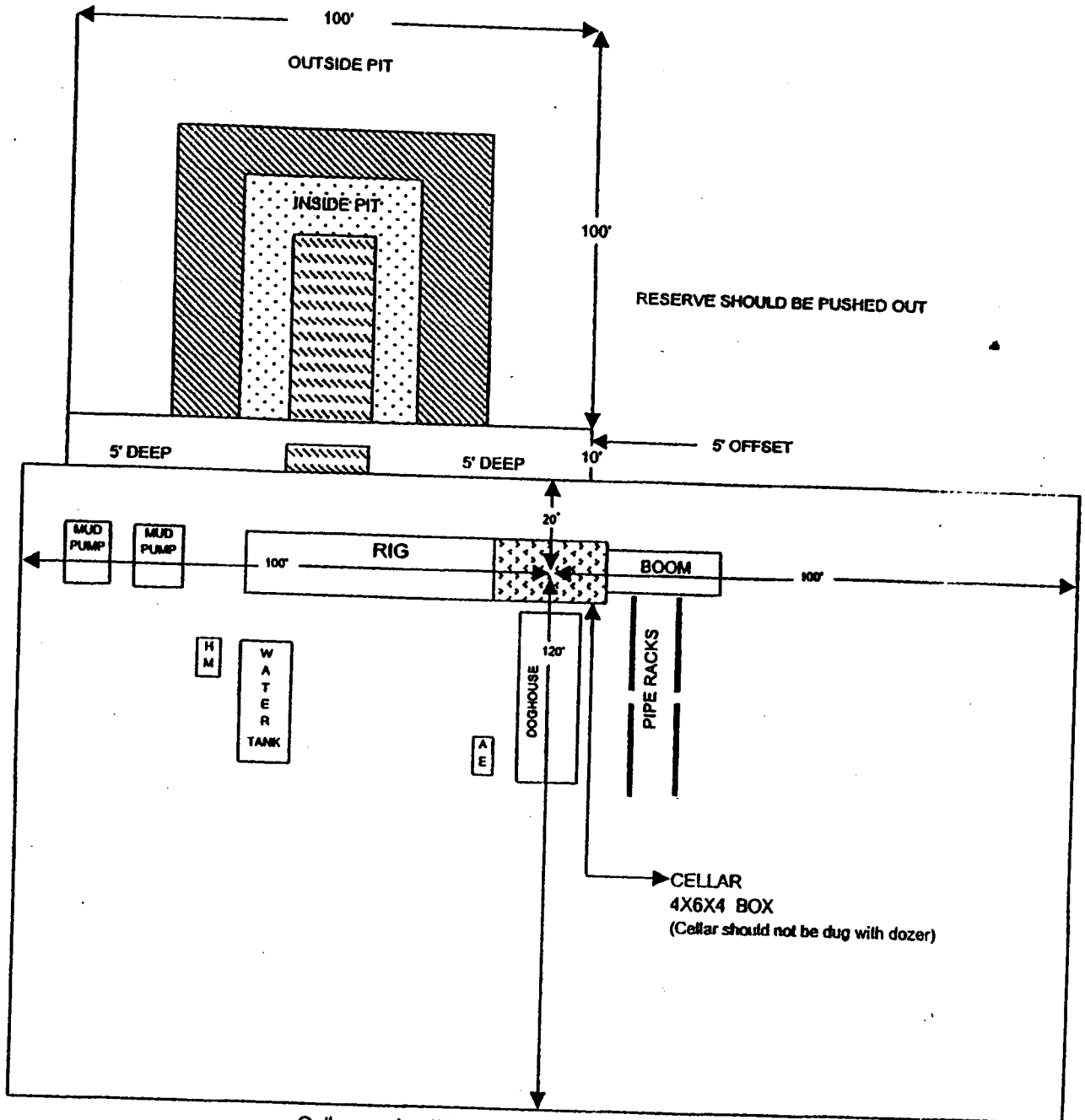
OPERATOR TEXLAND PETROLEUM, LP

LEASE MURPHY

U.S.G.S. TOPOGRAPHIC MAP  
HUMBLE CITY NW, N.M.



CapStar Drilling, Inc.  
 LOCATION SPECIFICATIONS AND RIG LAYOUT  
 FOR EARTH PITS

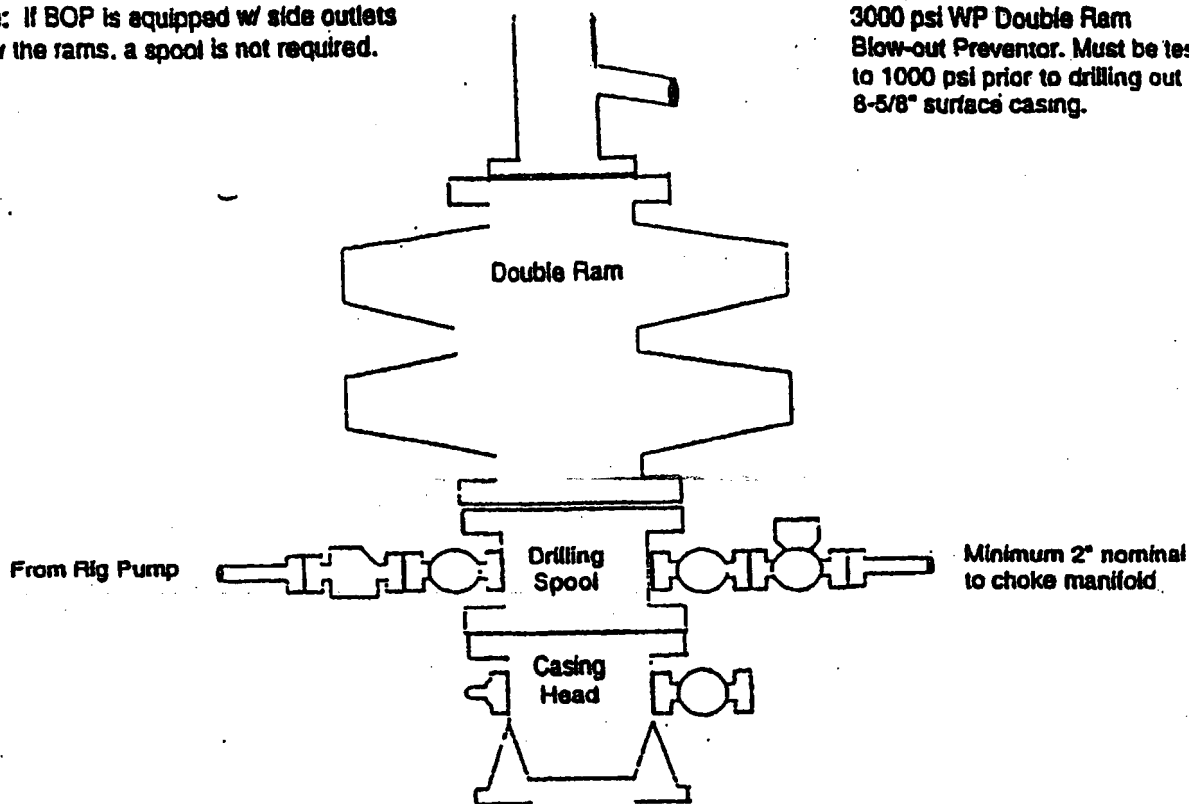


Cellar can be 4X4X4 if using a screw-on wellhead  
 Working Pits dug 5' below ground level

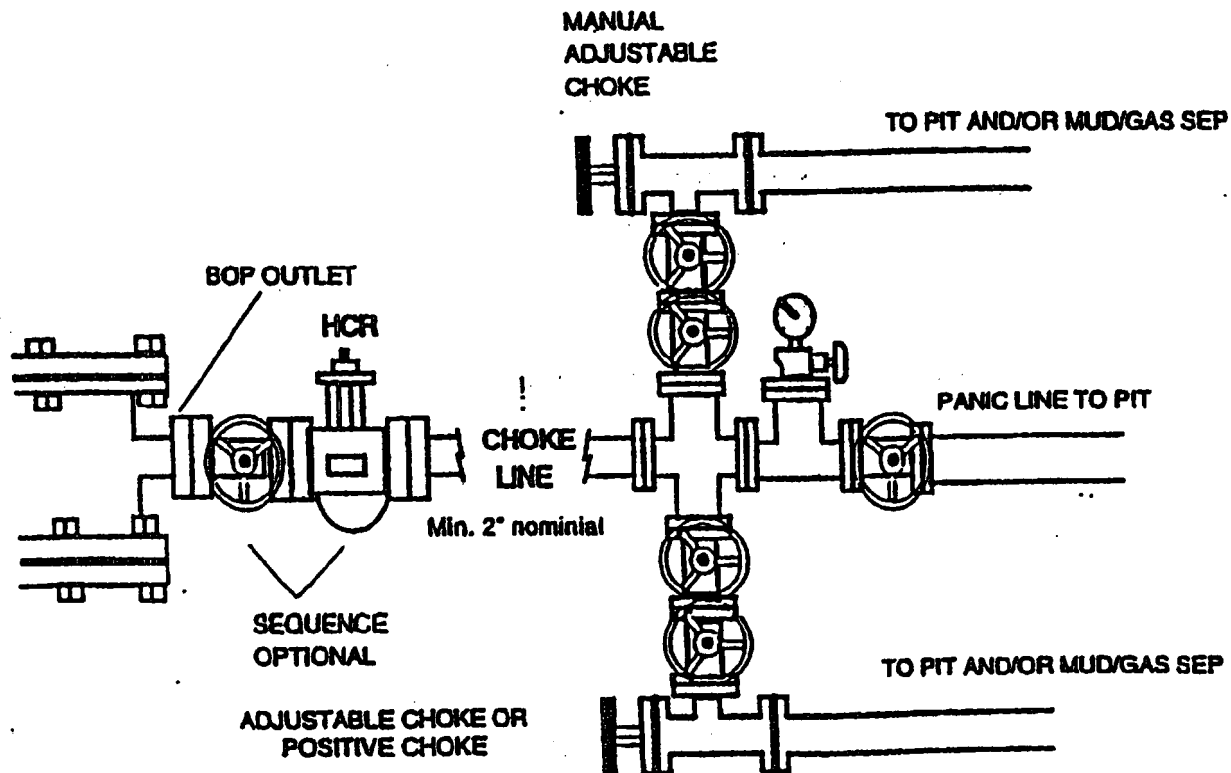
## BOP Schematic

\*Note: If BOP is equipped w/ side outlets below the rams, a spool is not required.

3000 psi WP Double Ram  
Blow-out Preventor. Must be tested  
to 1000 psi prior to drilling out  
8-5/8" surface casing.



## Choke Manifold Schematic



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State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: Texland Petroleum-Hobbs LLC Telephone: 817-336-2751 e-mail address: vsmith@texpetro.com  
Address: 777 Main Street, Suite 3200, Fort Worth, Texas 76102  
Facility or well name: Murphy #1 API #: 30-025-37272 U/L or Qtr/Qtr G Sec 30 T 16S R 38E  
County: Lea Latitude 32°53'43.00" N Longitude 103°11'05.59" W WAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume 4400 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ If not, explain why not. \_\_\_\_\_

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

10

100 feet or more

( 0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

(20 points)

No

( 0 points)

0

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

200 feet or more, but less than 1000 feet

(10 points)

1000 feet or more

( 0 points)

0

Ranking Score (Total Points)

10

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 7/12/05

Printed Name/Title Vickie Smith, Prod Analyst

Signature

Vickie Smith

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title

Signature

ORIGINAL SIGNATURE

PAUL F. KATZ

PETROLEUM ENGINEER

Date:

JUL 19 2005