

DEPARTMENT
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT

1a. TYPE OF WORK

DRILL ☒

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

a. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)

At surface

1310' FSL & 1170' FEL

At proposed prod. zone

1310' FSL & 1170' FEL

Unit P

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO

NM 5576860

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO

SEMU Permian

9. API WELL NO

129

10. FIELD AND POOL, OR WILDCAT

Skaggs Drinkard

11. SEC. T., R., M. OR BLK.
AND SURVEY OR AREA

Sec. 13, T20S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

NM

5. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if Any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

8. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3549' GR

22. APPROX. DATE WORK WILL START*

3-15-98

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	M-50, 8-5/8"	23#	1250'	565 sxs, circ.
7-7/8"	K-55, 5-1/2"	17#	7000'	1640 sxs, circ.

It is proposed to drill a vertical wellbore as a Drinkard producer according to the plan submitted in the following attachments:

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Surface Use Plan
4. Exhibit A: Vicinity Map
5. Exhibit B: Location Verification Map
6. Exhibit C.1-C.2: Flow Line and Electric Line Plats
7. Exhibit D: Trailer Mounted Rig Layout Drawing
8. BOP & Choke Manifold Specifications
9. H2S Drilling Operations Plan
10. Surface owner communications
11. NSL-3854

An archeological survey will be submitted as soon as completed.

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described above and as covered by BLM Bond File No. ES-0085.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Mike L. Mankin TITLE Right of Way AgentDATE 1-26-98

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) ARMANDO A. LOPEZTITLE Acting

ADM. MINERALS

FEB 25 1998

*See Instructions On Reverse Side

RECEIVED
NOV 27 4 11:58 PM
FBI
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
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 & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-34314		2 Pool Code 57000		3 Pool Name Skaggs Drinkard		
4 Property Code 003083		5 Property Name SEMU Permian			6 Well Number 129	
7 OGRID No. 05073		8 Operator Name CONOCO INC.			9 Elevation 3549	

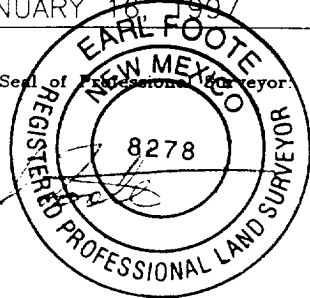
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	13	20-S	37-E		1310	SOUTH	1170	EAST	LEA

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. NSL - 3854			

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 <u>Mike L. Mankin</u> Printed Name <u>Mike L. Mankin</u> Title <u>Right of Way Agent</u> Date <u>1-26-98</u>	
					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 best of my belief. Date of Survey <u>JANUARY 18, 1997</u> Signature and Seal of <u>Earl Footie</u> Certificate Number <u>8278</u>	
						

1170'

1310'

Well Name : SEMU BURGER B #129

Location :

Casing Program :

Surface 8 5/8" casing in 12 1/4" Hole at 1250 ft.

Production 5 1/2" casing in 7 7/8" Hole at 7000 ft.

Cementing Program :

Surface

Lead 365 sacks Class C Mixed at 12.7 ppg
Additives 35:65:6 (Poz:Cem:Gel) + 2% CACL2
+ 0.25 pps Cello-Flake

Tail 200 sacks Class C Mixed at 14.8 ppg
Additives 2% A-7P

Production

1ST Stage

Lead 170 sacks Class C Mixed at 12 ppg
Additives 16% Gel + 0.4% CD-32 + 0.2% SMS

Tail 515 sacks Class C Mixed at 14.8 ppg
Additives 1.1% FL-62 + 1% BA-58 + 3% Salt + 0.3% CD-32
+ 0.2% SMS

Free Water 0 % Fluid Loss 45 cc/30 min.

2nd Stage

Lead 465 sacks Class C Mixed at 12 ppg
Additives 16% Gel + 0.4% CD-32 + 0.2% SMS

Tail 490 sacks Class C Mixed at 14.8 ppg
Additives 1.1% FL-62 + 1% BA-58 + 5% Salt + 0.3% CD-32
+ 0.2% SMS

Free Water 0 % Fluid Loss 44 cc/30 min.

PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

SEMU Burger B No.
1310' FSL & 1170' FEL Sec 13 -T20S-R37E

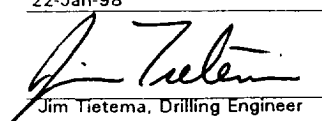
Ground Level :
Kelly Bushing:

Depth MD	FORMATION TOPS	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORM. PRES. GRAD.	Mud Weight & Type	Days
0		Possible Hole Enlargement & Sloughing		12-1/4"			Normal	8.4 - 9.5 Fresh	
1000	Rustler 1215'				8-5/8", 23#, M-50 ST&C @ 1250'				
		Washouts in Salt Section			565 sx, circ.		Normal	10 Brine	3
2000					Top 2nd Stage Tail at 2500'				
	Yates 2660'								
	7 Rivers 2905'	Possible oil / water flows. Up structure, SEMU 125 & 126 had gas flows in this interval. Over killed well with 14 ppg mud 60' above San Andres		7-7/8"			> 10 ppg		
3000									
	Queen 3490'								
	Penrose 3628'		H2S Monitor on at 3600'						
	Grayburg 3775'				DV Tool @ 3700'				
	San Andres 3924'	Lost Returns in San Andres							7
4000									
		High volume water flow in SEMU 126. Could not circ 11 ppg mud to kill.			Top 1st Stage Tail at 5000'				
5000									
	Glorietta 5265'	Possible differential sticking thru Glorietta & Paddock							
	Paddock 5338'								
	Blaine 5790'						Normal		
6000									
	Tubb 6290'								
	Drinkard 6600'								
			GR-CAL-DLL-MLL FDC-CNL-PE-Spec. GR TD - 2600'		5-1/2", 17#, K-55 LT&C @ 7000'			10 ppg Starch Gel	17
7000			Pull GR-Cal to Surf Casing Pull SG TD - 5700'		1640 sx, circ.				
	TD @ 7000'								

DATE

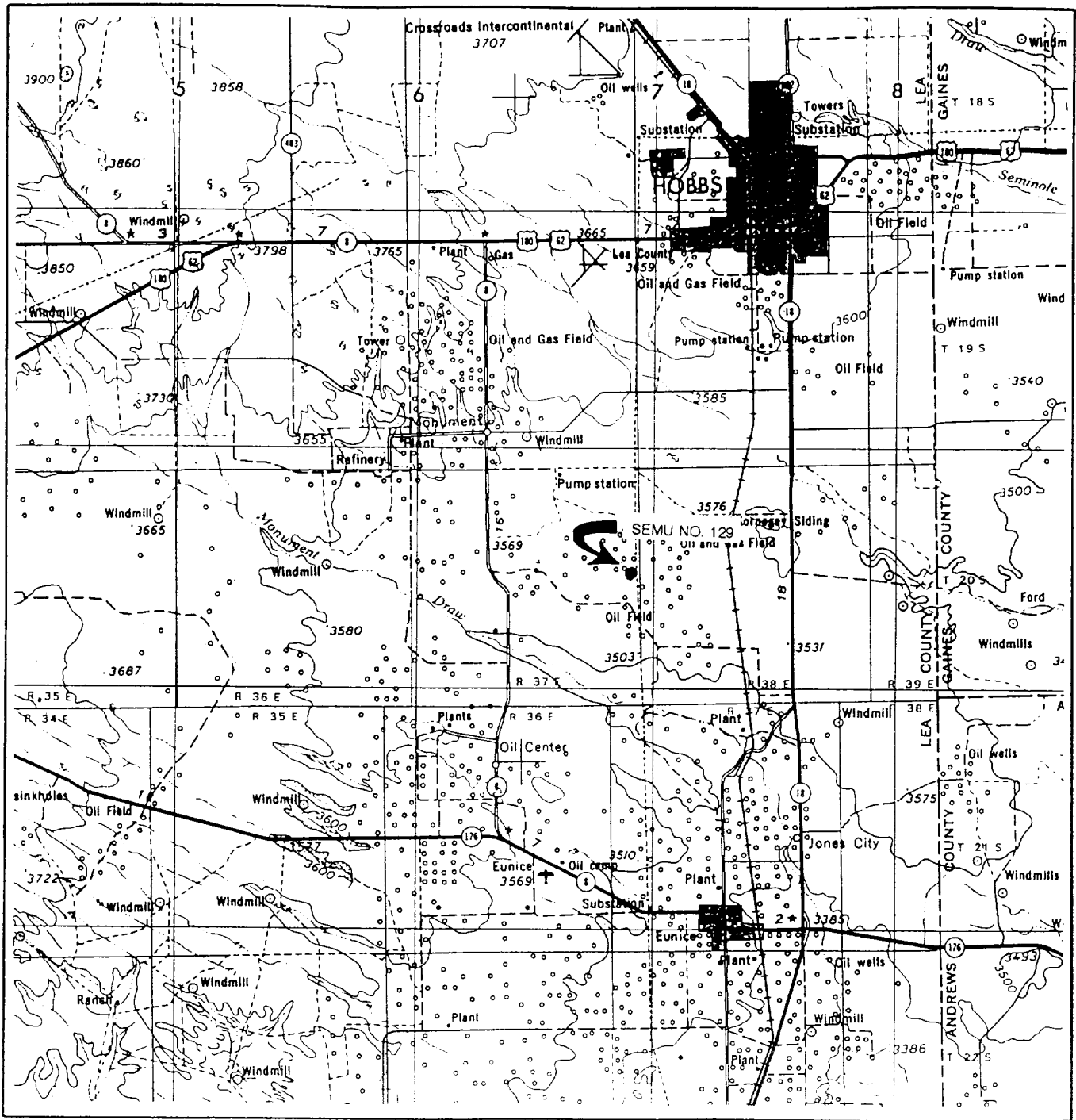
22-Jan-98

APPROVED


Jim Tietema, Drilling Engineer

Joe Miller, Reservoir Engineer

VICINITY MAP



WTC 44744

SEC. 13 TWP. 20-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 1310' FSL & 1170' FEL

ELEVATION 3549'

OPERATOR CONOCO INC.

LEASE SEMU WELL NO. 129

SCALE: 1" = 4 MILES

WEST TEXAS CONSULTANTS, INC.

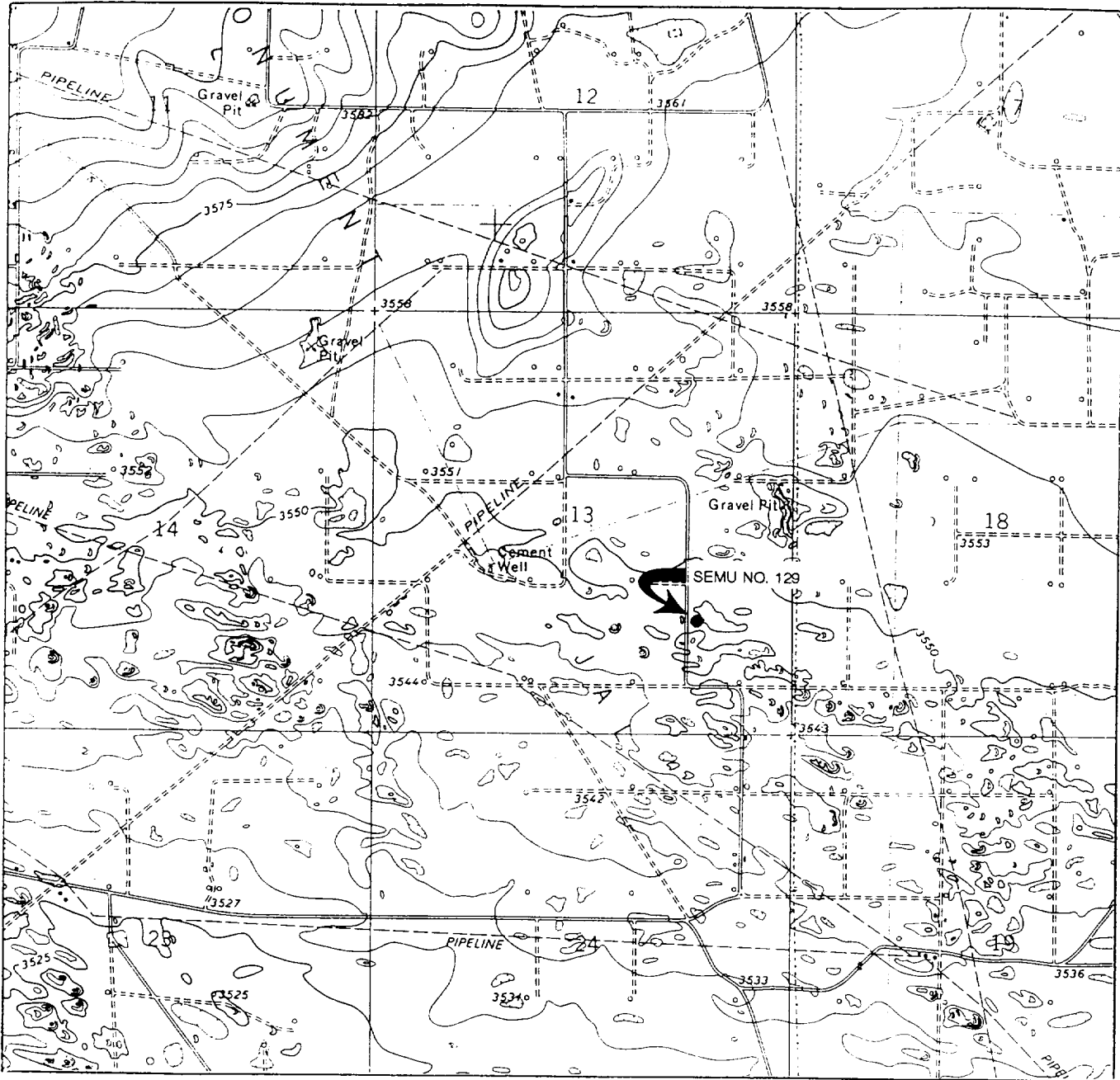
ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

EXHIBIT A

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL 10'

WTC 44744

SEC 13 TWP. 20-S RGE 37-E

SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 1310' FSL & 1170' FEL

ELEVATION 3549'

OPERATOR CONOCO INC.

LEASE SEMU NO. 129

USGS TOPO MAP HOBBS SW, NM

WEST TEXAS CONSULTANTS, INC.

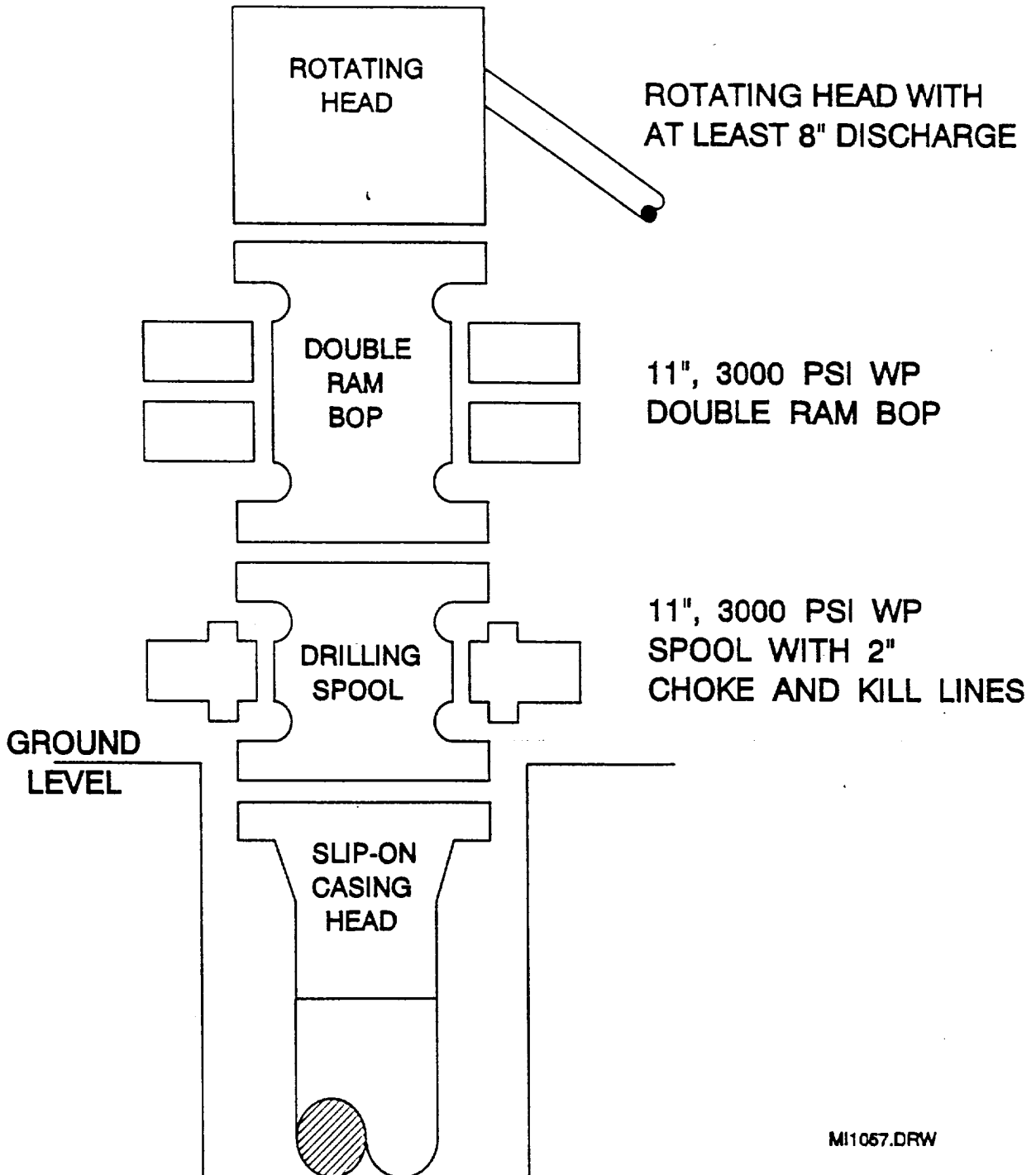
ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

EXHIBIT B

BOP SPECIFICATIONS



MI1057.DRW