

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

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505
RECEIVED
OCD - ARTESIA

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

☐ AMENDED REPORT

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

Operator Name and Address UNIT PETROLEUM, COMPANY P.O. BOX 702500 TULSA, OKLAHOMA 74170		OGRID Number 115970
Property Code 16440	Property Name HAROUN COM	API Number 30-015-32808
		Well No. 2

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	22S	28E		660'	NORTH	1000'	WEST	EDDY

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 DUBLIN RANCH -MORROW (76140)						Proposed Pool 2			

Work Type Code N	Well Type Code G	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3027'
Multiple NO	Proposed Depth 12,800'	Formation MORROW	Contractor UNKNOWN	Spud Date WHEN APPROVED

Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	NA	40'	Redi-mix	SURFACE
17½"	13 3/8"	48	400'	450 Sx.	"
12¼"	9 5/8"	36	2650'	900 Sx.	"
8 3/4"	7"	26	11,000'	300 Sx.	
6 1/8"	4½"	13.5	12,800'	310 Sx.	

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17½" hole to 400'. Run and set 400' of 13 3/8" 48# H-40 ST&C casing. Cement with 450 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 12¼" hole to 2650'. Run and set 2650' of 9 5/8" 36# J-55 ST&C casing. Cement with 900 Sx. of Class "C" cement + additives, Circulate cement to surface.
4. Drill 8 3/4" hole to 11000'. Run and set 11,000' of 26# HCP-110 LT&C casing. Cement with 300 Sx. of Class "H" cement + additives,
5. Drill 6 1/8" hole to 12,800'. Run and set a 2000' 4½" 13.5# P-110 STL liner. Cement with 310 Sx. of Class "H" Cement + additives.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Joe T. Janica*

Printed name: Joe T. Janica

Title: Agent

Date: 05/28/03

Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by: *Jim W. Green*

Title: *District Supervisor*

Approval Date: *02 2003* Expiration Date: *JUN 02 2004*

Conditions of Approval:

Attached ☐

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 76140	Pool Name DUBLIN RANCH-MORROW GAS
Property Code	Property Name HARROUN COM	Well Number 2
OGRID No. 115970	Operator Name UNIT PETROLEUM COMPANY	Elevation 3027'

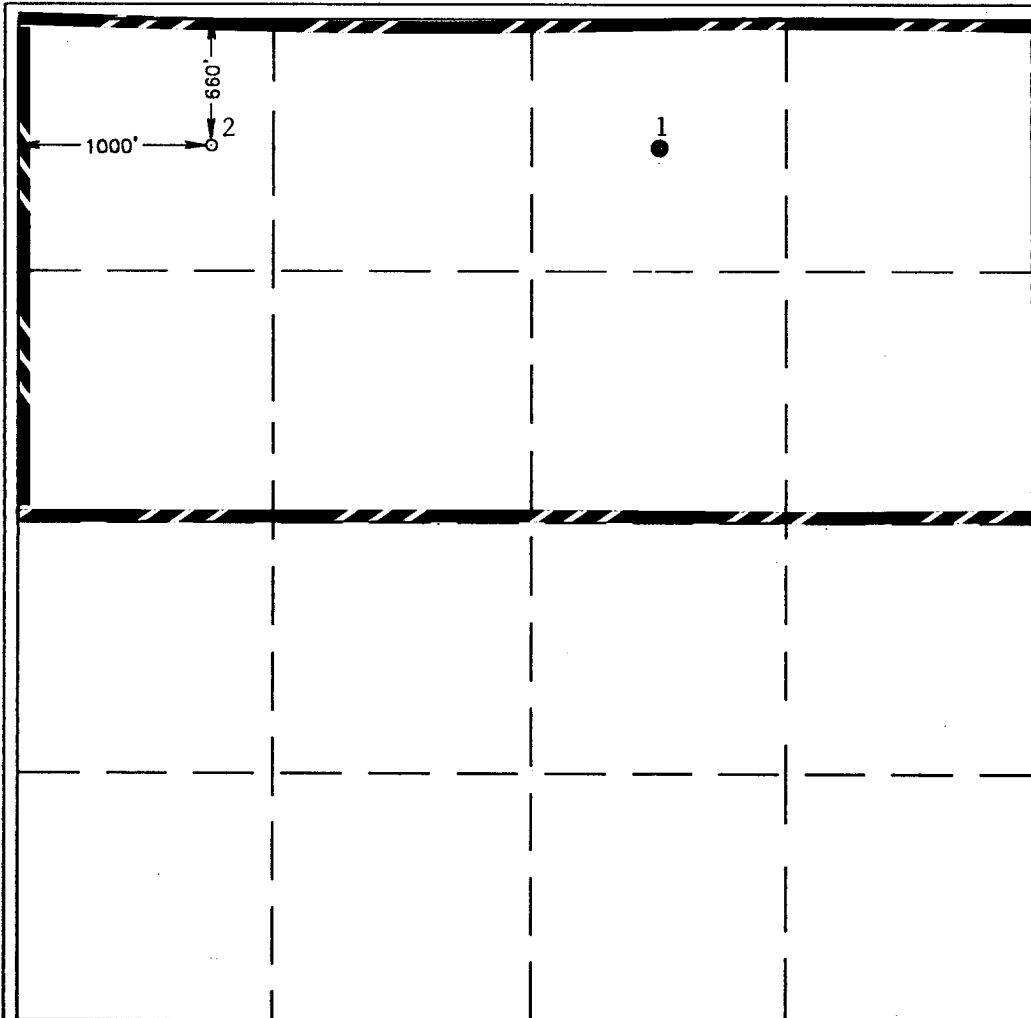
Surface Location

UL or lot No. D	Section 33	Township 22-S	Range 28-E	Lot Idn	Feet from the 660'	North/South line NORTH	Feet from the 1000'	East/West line WEST	County EDDY
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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



OPERATOR CERTIFICATION

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

Joe T. Janica
Signature
Joe T. Janica
Printed Name
Agent
Title
05/28/03
Date

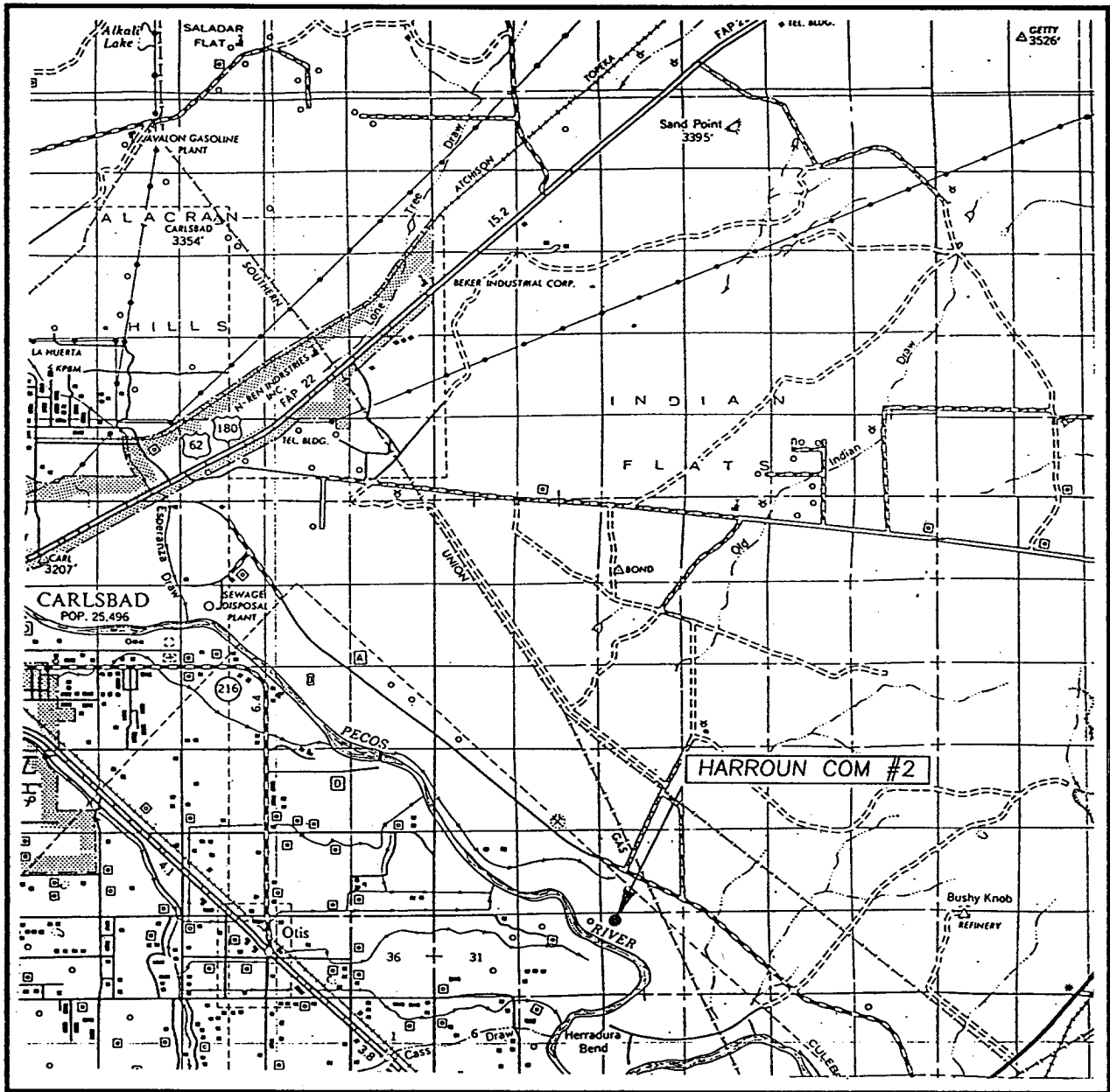
SURVEYOR CERTIFICATION

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.

April 15, 2003

Date Surveyed
Signature & Seal of
Professional Surveyor
Ronald J. Edson
03.11.0412
Certificate No. RONALD J. EDSON 3239
GARY EDSON 12841

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 33 TWP. 22-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FNL & 1000' FWL

ELEVATION 3027'

OPERATOR UNIT PETROLEUM COMPANY

LEASE HARROUN COM

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

FROM



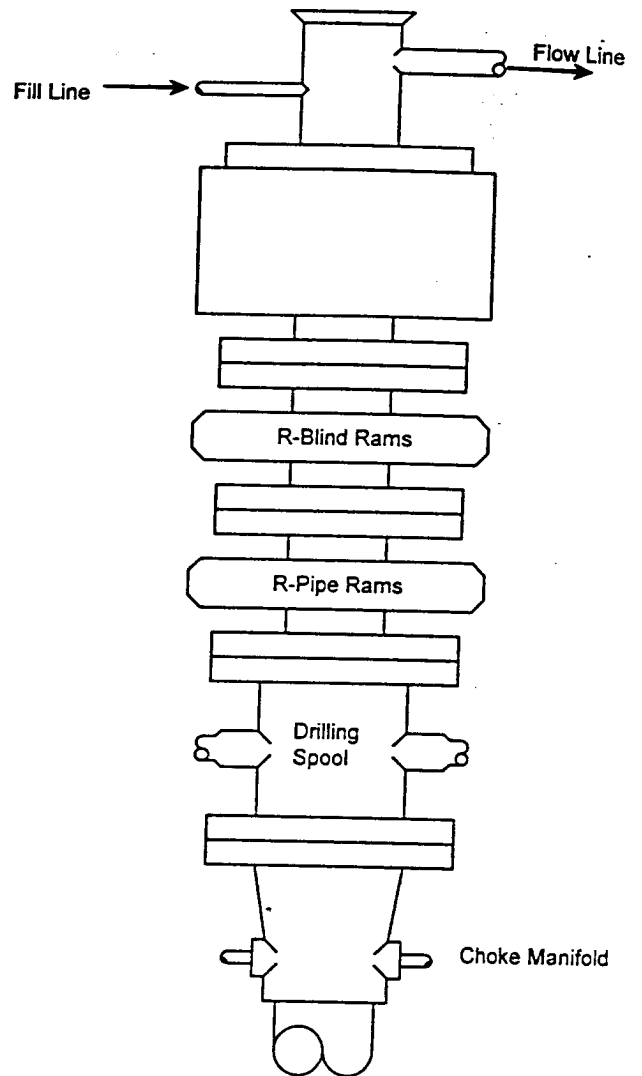
CONTOUR INTERVAL: 10
LOVING, N.M.

U.S.G.S. TOPOGRAPHIC MAP
LOVING, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

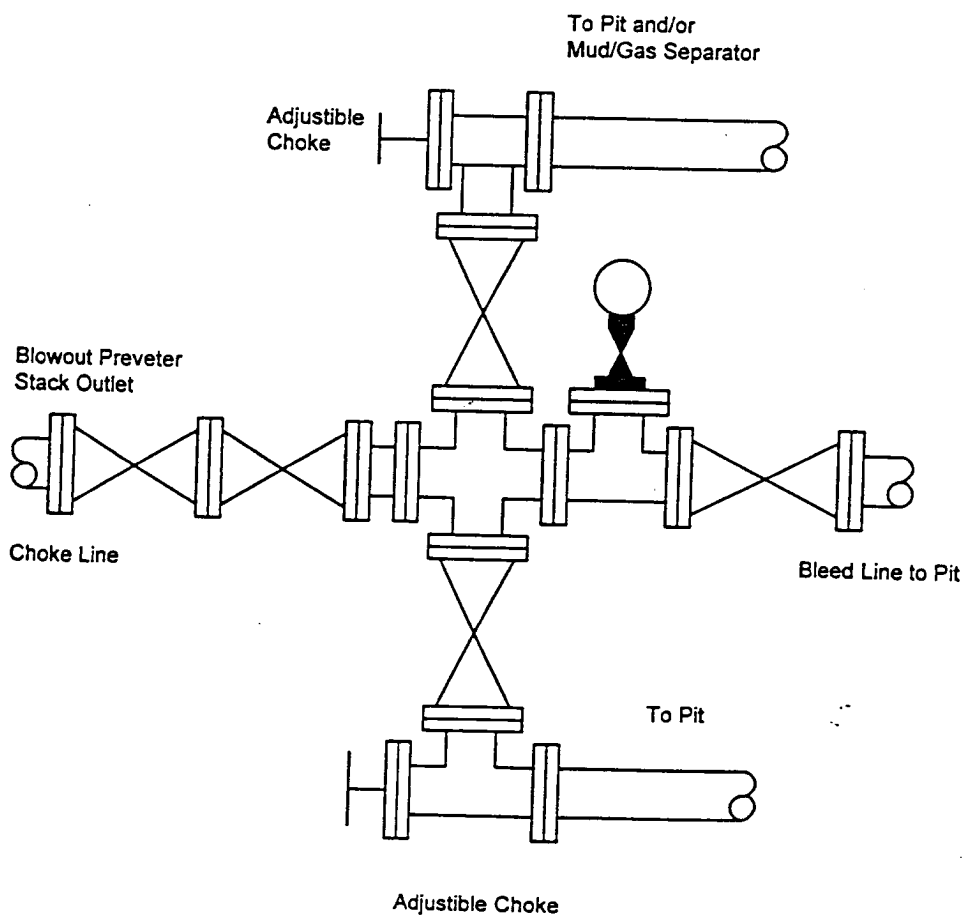
BLOWOUT PREVENTER SYSTEM

5000 PSI



Type 1500 SERIES
5000 psi WP

Choke Manifold Assembly for 5M WP System



HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. All Company and Contract personnel admitted on location must be trained by a qualified H₂S safety instructor to the following:
 - A. Characteristics of H₂S
 - B. Physical effects and hazards
 - C. Proper use of safety equipment and life support systems.
 - D. Principle and operation of H₂S detectors, warning system and briefing areas.
 - E. Evacuation procedure, routes and first aid.
 - F. Proper use of 30 minute pressure demand air pack.
2. H₂S Detection and Alarm Systems
 - A. H₂S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.
3. Windsock and/or wind streamers
 - A. Windsock at mudpit area should be high enough to be visible.
 - B. Windsock at briefing area should be high enough to be visible.
 - C. There should be a windsock at entrance to location.
4. Condition Flags and Signs
 - A. Warning sign on access road to location.
 - B. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H₂S present in dangerous concentration. Only emergency personnel admitted to location.
5. Well control equipment
 - A. See exhibit "E"
6. Communication
 - A. While working under masks chalkboards will be used for communication.
 - B. Hand signals will be used where chalk board is inappropriate.
 - C. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephoned will be available at most drilling foreman's trailer or living quarters.
7. Drillstem Testing
 - A. Exhausts will be watered.
 - B. Flare line will be equipped with an electric ignitor or a propane pilot light in case gas reaches the surface.
 - C. If location is near any dwelling a closed D.S.T. will be performed.



HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

8. Drilling contractor supervisor will be required to be familiar with the effects H_2S has on tubular goods and other mechanical equipment.
9. If H_2S is encountered, mud system will be altered if necessary to maintain control of formation. A mud gas separator will be brought into service along with H_2S scavengers if necessary.