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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Well
STATE ☐ FEDERAL ☒
5. State Oil & Conservation Commission

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
1b. Type of Well
SINGLE ZONE ☐ MULTIPLE ZONE ☐
1c. Name of Operator
Diamond Shamrock Corporation

7. Unit Agreement Name
8. Farm or Lease Name
Michael Horton et al

9. Address of Operator
P. O. Box 641, Amarillo, Texas 79173
4. Location of Well
UNIT LETTER F LOCATED 660' FEET FROM THE North LINE
AND 660' FEET FROM THE West LINE OF SEC. 6 TWP. 12 N RGE. 37 E NMMP

9. Well No.
#1
10. Field and Pool or Well Unit
Wildcat

11. County
Lea

19. Proposed Depth
13,250'
19A. Formation
Devonian
20. Type of Well
Rotary
21. Elevation (show whether DT, RT, etc.)
3847' GR
21A. Kind & Status Plug, Bond
Single well plugging
Indemnity bond
21B. Drilling Contractor
Cactus Drilling
22. Approx. Date Work to Start
2-25-78

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. COST
17 1/2"	13 3/8"	54.5	400'	300	surface
12 1/4"	9 5/8"	36	4500'	300	surface
8 3/4"	5 1/2"	17 & 20	TD	350	11,750'

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED

EXPIRES MAY 14, 1978

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed John W. Reilly Title Assistant Manager Drilling Oper. Date 2-10-78

(This space for State Use)

APPROVED BY John W. Reilly TITLE Geologist DATE FEB 13 1978
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 28 1976

OIL CONSERVATION COMM.
BOBBY, N. M.

OF 15 REG.	
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NEW MEXICO OIL COMMISSION

Form 1-173
Supersedes Old
6-10-67 and 6-11-67
Effective 1-1-68

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT - FORM C-101 FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Diamond Shamrock Corporation	8. Name of Lease Owner Michael Harton et al
3. Address of Operator P. O. Box 631, Amarillo, Texas 79173	9. Well No. #1
4. Location of Well UNIT SECTION 660' FEET FROM THE North 660' FEET FROM THE West LINE, SECTION 5 TOWNSHIP 12 RANGE 37 E N.M.P.M.	10. Field and Loc., or V. Wildcat
11. Elevation (Show whether DF, RT, GR, etc.) 3847' GR	12. County Lea

13. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPER. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER ☐	OTHER Add blow out preventer program ☒
PLUG AND ABANDON ☐	ALTERING CASING ☐
CHANGE PLANS ☐	PLUG AND ABANDONMENT ☐

17. Describe Proposed or Complete Operations (Clearly state all pertinent details, and give pertinent dates, including estimated dates of starting and completion of work) SEE RULE 1103.

The blowout preventer program will include equipment similar to Diagram A (See attached)
A choke manifold will be installed. Minimum pressure ratings on any and all B.O.P. or
related control equipment will be 3,000# psi. B.O.P. stack will be pressure tested to
1,000# psi prior to drilling out of surface casing. The stack will then be checked on
each trip to insure workability.

APPROVED
FOR SUBMITTAL TO
DRILLING OPERATIONS
EXPIRES

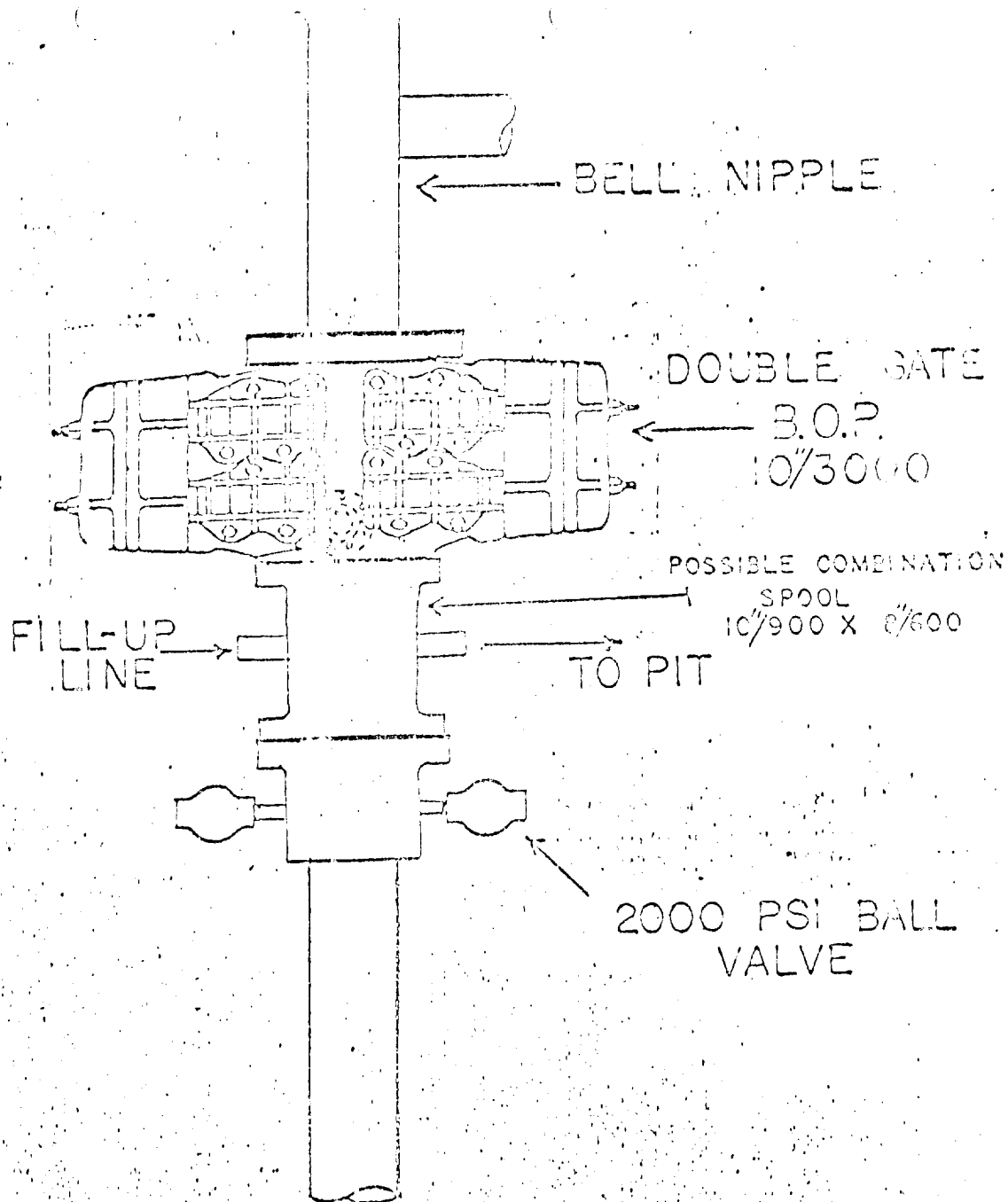
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED L. E. K. Ray TITLE Assistant Manager Drilling Operations 2-10-78
John W. Munyan Geologist
APPROVED BY DATE
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 18 1978

OIL CONSERVATION COMM.
HOBBS, N. M.



TYPICAL B.O.P.
STACK

DIAGRAM A

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

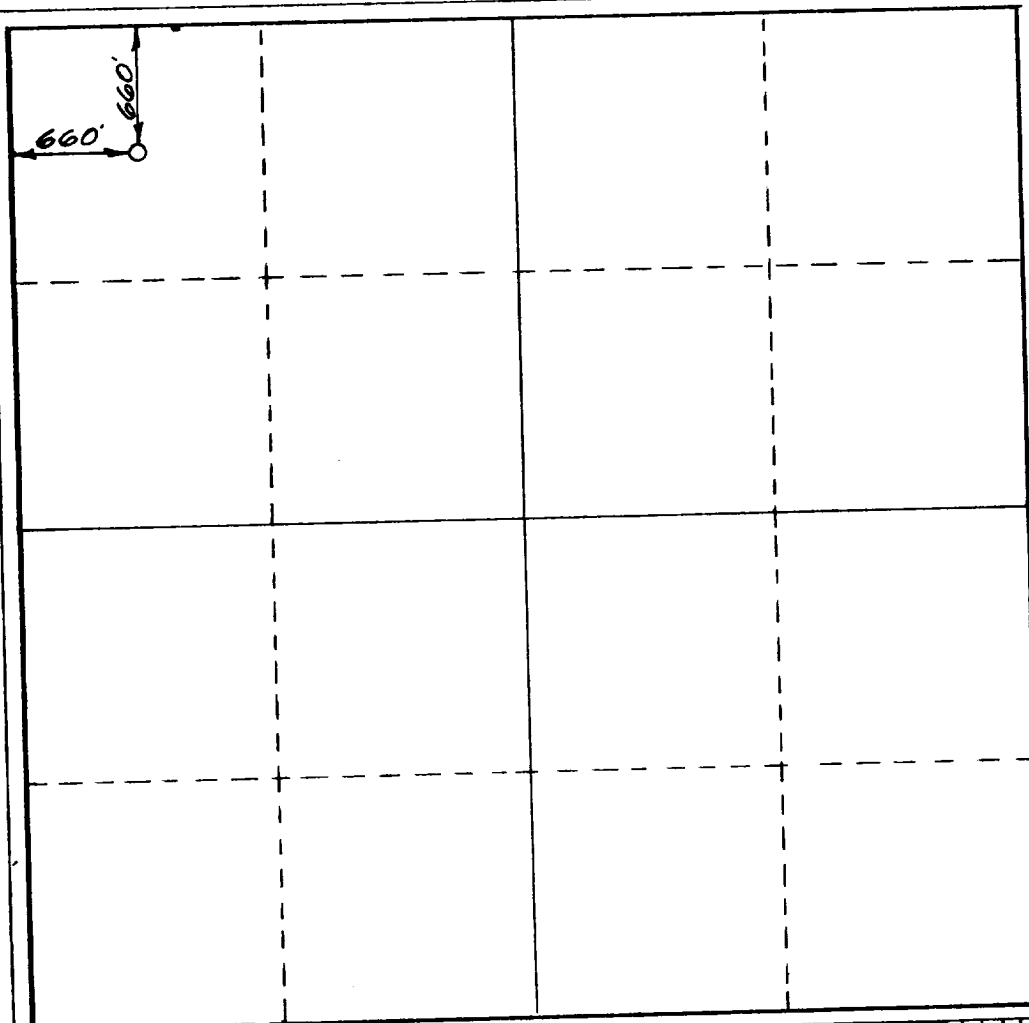
Operator DIAMOND SHAMROCK CORPORATION			Lease Michael Harton et al		Well No. 1-5
Unit Letter	Section 5	Township 12-S	Range 37-E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3947	Producing Formation		Pool	Dedicated Acreage: 4 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name _____

Position _____

Company _____

Date _____

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 knowledge and belief.

May 26, 1977

Date Surveyed _____

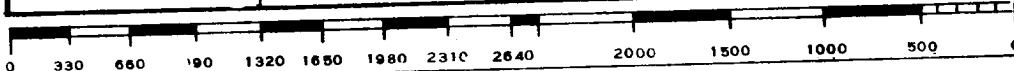
Richard B. Duniven

Registered Professional Engineer
and/or Land Surveyor

Richard B. Duniven

Certificate No. _____

4882



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