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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-1075
7. Unit Agreement Name
8. Farm or Lease Name ARCO STATE
9. Well No. 1
10. Field and Pool, or Wildcat DEAN
12. County LEA

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work			
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
2. Name of Operator BLISS PETROLEUM, INC.			
3. Address of Operator P.O. BOX 1817, HOBBS, NEW MEXICO 88240			
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>2310</u> FEET FROM THE <u>NORTH</u> LINE AND <u>830</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>35</u> TWP. <u>15S</u> RGE. <u>36E</u> NMPM			
5. Elevations (Show whether DF, KT, etc.) GR 3861.6			
21A. Kind & Status Plug. Bond BLANKET		19. Proposed Depth 13,800'	19A. Formation DEVONIAN
21B. Drilling Contractor MORAN DRLG. INC.		20. Rotary or C.T. ROTARY	
22. Approx. Date Work will start 4/21/85			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8 "	48#	350'	400	CIRCULATE
11"	8 5/8 "	24# & 32#	4850'	2450	CIRCULATE
7 7/8"	5 1/2 "	17# & 20#	13800'	1200	10,000

BLOWOUT PREVENTER SKETCH ATTACHED

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE 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 Paul Bliss Title PRESIDENT Date 4/10/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Approval for drilling, only. Production from this well will not be authorized until approval is obtained for the unorthodox location.

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**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

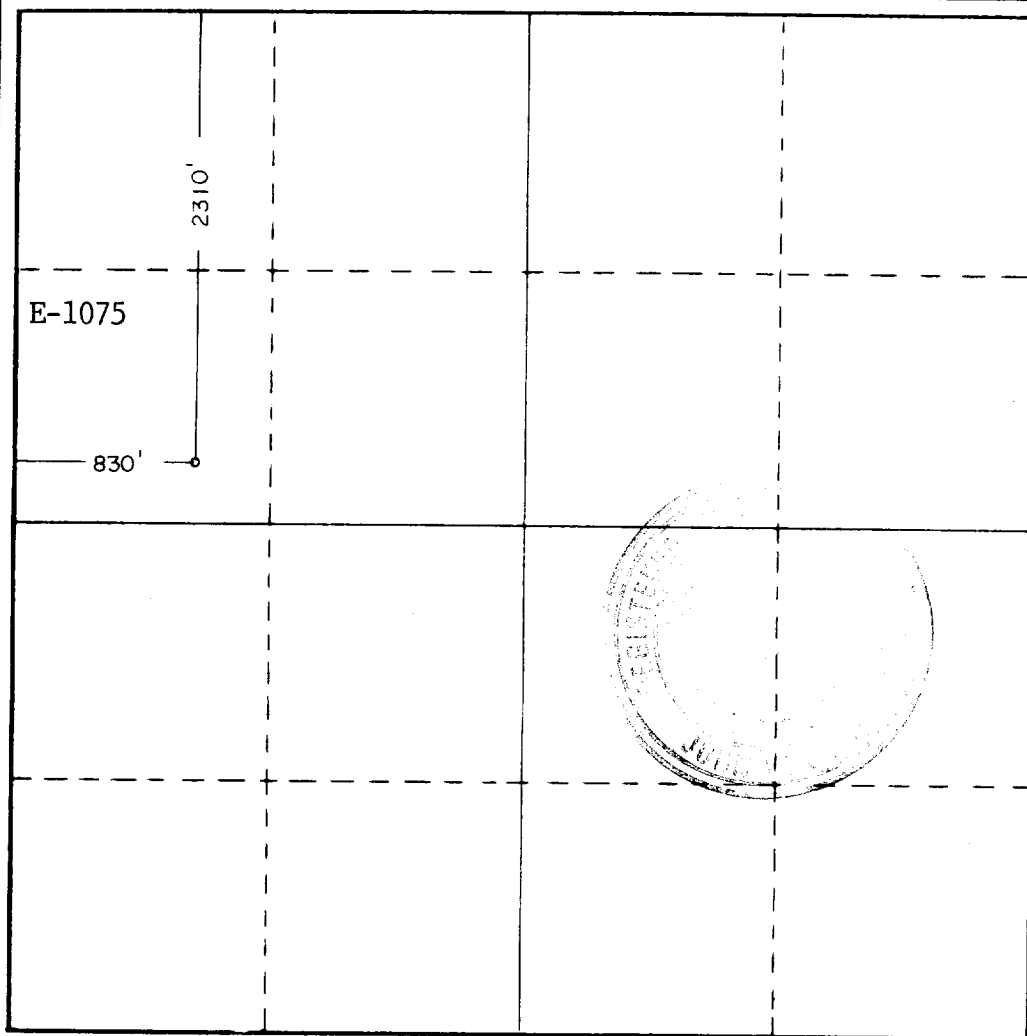
Operator BLISS PETROLEUM, INC.			Lease ARCO STATE		Well No. 1
Unit Letter E	Section 35	Township 15S	Range 36E	County LEA	
Actual Footage Location of Well: 2310 feet from the NORTH line and 830 feet from the WEST line					
Ground Level Elev. 3861.6	Producing Formation DEVONIAN	Pool DEAN	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Paul Bliss
Name

PAUL BLISS

Position

PRESIDENT

Company

BLISS PETROLEUM, INC.

Date

4/10/85

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.

Date Surveyed

4/4/85

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

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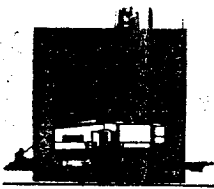
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RIG 3 9,000' - 15,000'

**MORANCO
DRILLING, INC.**

P.O. Box 1860 • Hobbs, New Mexico 88240 • 505/397-3511 • 915/563-0562

DRAWWORKS

Mid Continent U-712A
Drum: 1¼" Lebus grooved
Compound: 2-engine oil bath chain drive
Brake: Hydromatic Parkersburg 46" Double
Satellite Automatic Driller
Duo-O-Matic Crown Block Protector

ENGINES

Two 610-H.P. D379TA Caterpillar Diesel.

DERRICK

Lee C. Moore, 131', 550,000-lb. nominal capacity.

SUBSTRUCTURE

Lee C. Moore, 18' high, 550,000-lb. nominal capacity.

MUD PUMPS

Pump No. 1: Emsco DB700 Duplex, 700-H.P. with steel fluid end, 4¾" - 6½" liners, 9" stroke. Compound driven.
Pump No. 2: Emsco DB550 powered by D379 Caterpillar Diesel.

DRILL STRING

6,000' 4½" Grade E, 20-lb.
Tool Joints: 4½" H-90, 6¼" OD.
9,000' 4½" Grade E, 16.60-lb.
Tool Joints: 4½" XH, 6¼" OD.
Thirty Drilco spiral-grooved 6½" OD, 2¼" ID.
Tool Joints: 4½" H-90.
Other sized drillpipe and drillcollars available.

BLOWOUT PREVENTERS

One Shaffer LWS hydraulic double 11" x 5,000 p.s.i. One Hydril 11" x 5,000 p.s.i. Choke manifold 4" x 5,000 p.s.i. flanged connections. Payne 6-valve accumulator closing unit.

MUD SYSTEM

Three 30' x 7½' x 6' steel pits with 700-bbl capacity and one 250-bbl slug pit. Complete low pressure circulating system, consisting of four submerged mud guns and two countersunk jets in each pit. System utilizes a 6 x 8 centrifugal pump, powered by diesel.

MUD HOUSE

One 8' x 30' Steel Storage House.

COMMUNICATIONS

24-hour direct telephone interconnection through Hobbs (505/393-1111) or Midland-Odessa (915/563-0562).

OTHER EQUIPMENT

BLOCKS. 350-ton.

HOOK. 350-ton.

SWIVEL. 350-ton.

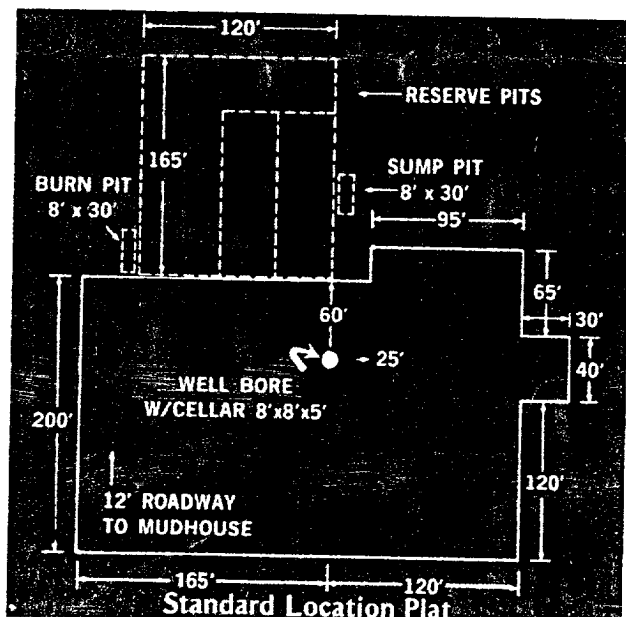
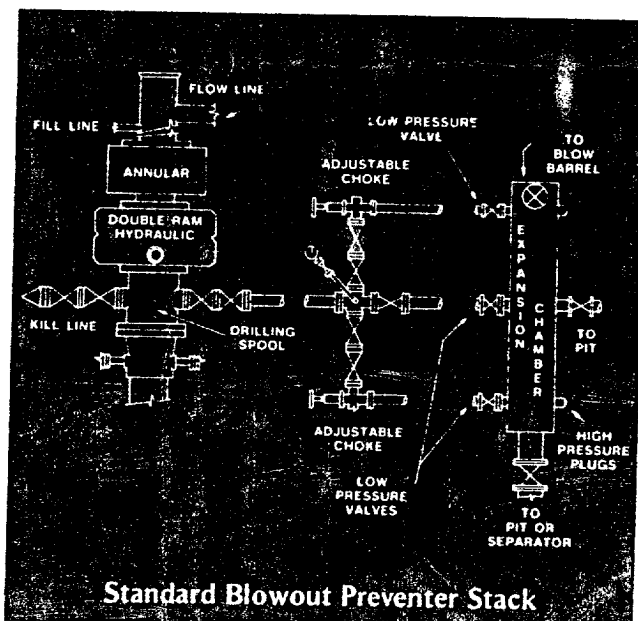
ROTARY TABLE. 27½".

SHALE SHAKER. Harrisburg single screen.

ELECTRICAL POWER. Two ¹³⁵ kw AC generators powered by diesel engines. AC fluorescent or mercury vapor lights. All vapor-proof.

FRESH WATER STORAGE. Two 500-bbl and one 400-bbl horizontal tanks.

HOUSING. One 12' x 65' air-conditioned trailer house with sleeping and cooking facilities.



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