

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 19841
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR I. W. LOVELADY ✓		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Drawer 2666; Midland, Texas 79701		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660 FNL 660 FEL of Section At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 Miles east and 3 miles south of carlsbad.		10. FIELD AND POOL, OR WILDCAT Indian Draw (Delaware)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)	16. NO. OF ACRES IN LEASE 80	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T22S, R27E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None	19. PROPOSED DEPTH 3500	12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3073.8' GR		13. STATE New Mexico
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* 12/22/75

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	23#	450'	220 Cu. Ft. / Sufficient to
6-1/4"	4-1/2"	9.5#	3500'	330 Cu. Ft. Gir

Blowout preventor program to 450' none. Blowout preventor program 450' to 3500', Will be a 10" Serie 900 Cameron double hydraulic W/Koomy controls

RECEIVED

JAN 14 1976

O. C. C.

ARTESIA, OFFICE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 R. L. Hamm Jr. TITLE Production Supt. DATE 12/4/75  
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

APPROVED  
JAN 13 1976

CONDITIONS OF APPROVAL, IF ANY:

R. L. BEEKMAN  
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
APR 13 1976  
See Instructions On Reverse Side

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

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

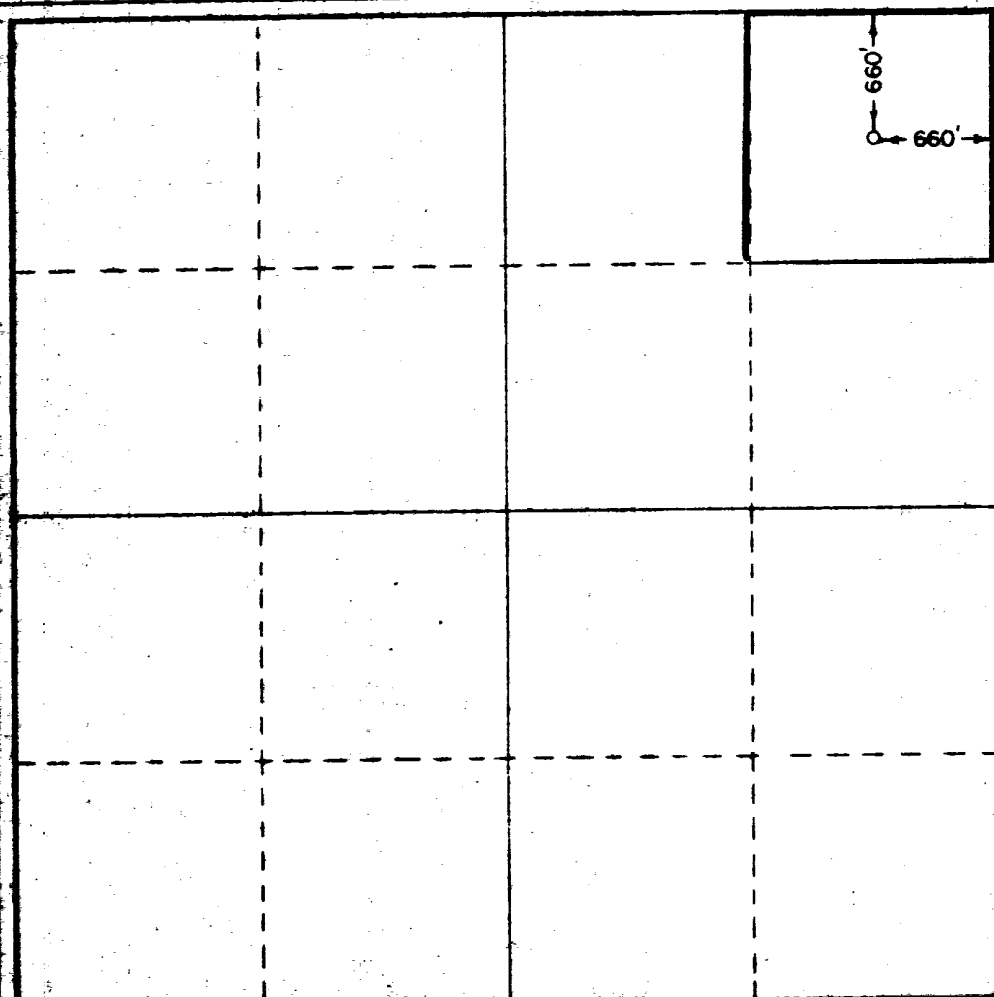
Operator <b>I. W. Lovelady</b>		Lease <b>Federal</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>24</b>	Township <b>22 South</b>	Range <b>27 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3873.8</b>	Producing Formation <b>Delaware</b>	Pool <b>Und Indian Draw</b>	Dedicated Acreage: <b>40</b>	

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.

*R. L. Hamm, Jr.*

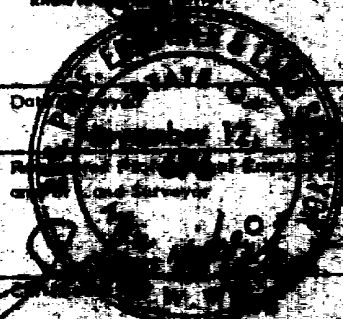
Name  
**R. L. Hamm, Jr.**

Position  
**Production Supt.**

Company  
**I. W. Lovelady**

Date  
**12/4/75**

RECEIVED  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NEW MEXICO



**I. W. LOVELADY**  
**DEVELOPMENT PLAN FOR SURFACE USE**

LEASE NAME FEDERAL No. 1

**1. EXISTING ROADS INCLUDING LOCATION OF THE EXIT FROM THE MAIN HIGHWAY**

**SEE ATTACHED MAP**

**2. PLANNED ACCESS ROADS**

**(A) UPGRADING 2300' OF EXISTING ROAD**

**(B) SEE ATTACHED MAP**

**3. LOCATION OF EXISTING WELLS**

**NONE ON THIS LEASE**

**4. LATERAL ROADS TO WELL LOCATION**

**SEE ATTACHED MAP**

**5. LOCATION OF TANK BATTERIES AND FLOWLINES**

**NONE REQUIRED YET**

**6. LOCATION AND TYPE OF WATER SUPPLY**

**WATER WILL BE HAULED TO LOCATION**

**7. METHODS FOR HANDLING WASTE DISPOSAL**

**(A) WELL CUTTINGS WILL BE DISPOSED OF IN THE RESERVE PIT SHOWN ON LOCATION PLAT LAYOUT WHICH WILL BE COVERED WITH SOIL AFTER DRYING OUT.**

**(B) TRASH AND JUNK WILL BE BURIED IN A SEPARATE TRASH PIT AND COVERED WITH 24" OF SOIL**

**8. AND 9. LOCATION OF CAMPS AND AIRSTRIPS**

**NO CAMP SITE WILL BE EMPLOYED.**

**NO AIRSTRIPS WILL BE CONSTRUCTED.**

DEVELOPMENT PLAN FOR SURFACE USE (CONTINUED )

PAGE #2

10. LOCATION OF LAYOUT TO INCLUDE POSITION OF THE RIG, MUD TANKS, RESERVE PITS, BURN PITS, PIPE RACKS, ETC.

SEE ATTACHED PLAT

(A) SIZE OF DRILLING PAD 160'x250'

(B) DRILLING PAD- 1) COMPACTED

11. PLANS FOR RESTORATION OF THE SURFACE

THE SURFACE AROUND THE LOCATION PAD WILL BE LEVELED AND SOIL BLADED BACK OVER IT AFTER THE COMPLETION OF DRILLING OPERATIONS. THE ROADS AND LOCATION ARE SUCH THAT THE SURFACE MATERIAL CAN BE GRADED OFF AND BURIED, AND SOIL FROM SURROUNDING AREA GRADED AND LEVELED OVER THE AREA AT COMPLETION OF PRODUCTION OPERATIONS IF THIS IS DEEMED DESIRABLE AT THAT TIME AND THERE IS NO FURTHER NEED OF THE ROADS BY ANY INTERESTED PARTY.

12. OTHER INFORMATION THAT MAY BE USED IN EVALUATING THE IMPACT ON ENVIROMENT

THIS AREA IS SEMI-ARID WITH SHALLOW TOP-SOIL. THERE IS A SPARCE COVERING OF NATIVE GRASS. ANY UNCOVERED AREA IS SUBJECT TO MILD WIND EROSION. RE-SEEDING OF BARREN AREAS WITH NATIVE GRASS IS DESIRABLE IF DONE AT THE TIME OF RAINS.

13. BLOW OUT PREVENTOR PROGRAM

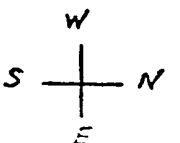
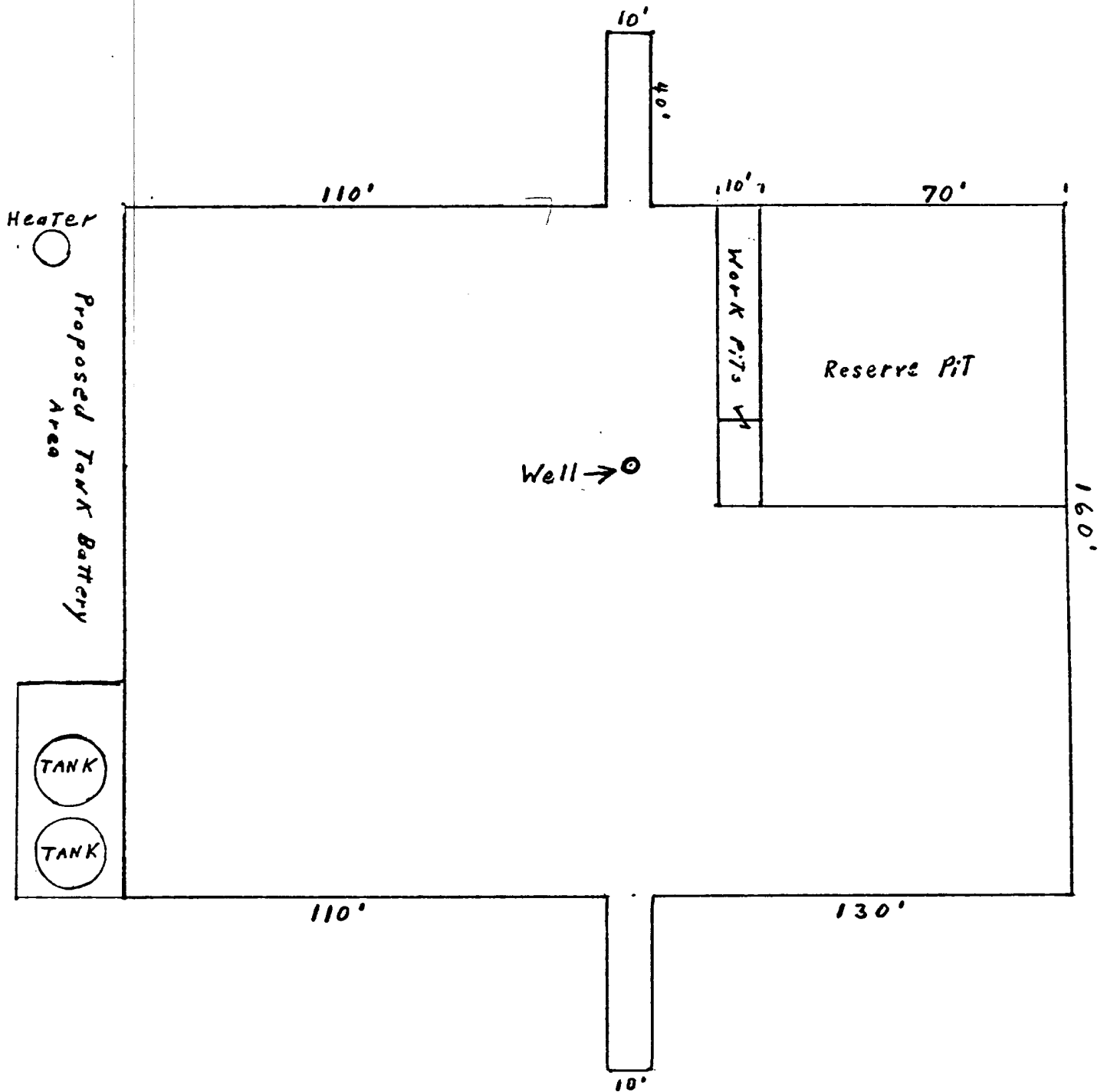
SEE ATTACHED SCHEMATIC

MR. I. W. LOVELADY, 915-682-5275, MIDLAND, TEXAS, IS RESPONSIBLE FOR COMPLIANCE WITH THE DEVELOPMENT PLAN.

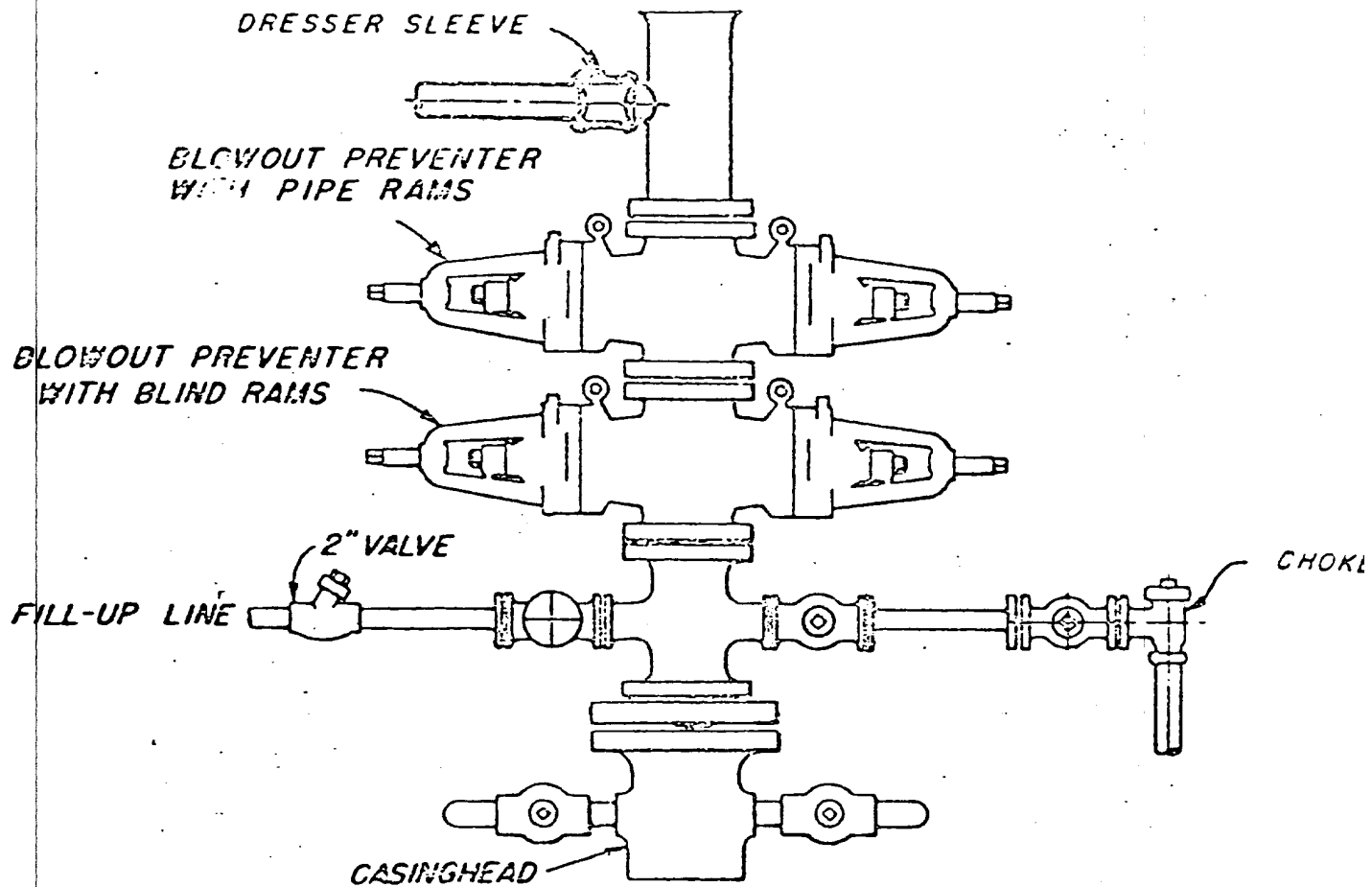
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I. W. LOVELADY      FEDERAL # 1

Sec. 24, T-22S, R-27E  
Diagrammatic Sketch Of Drilling  
Location & Proposed Tank Battery



Scale 3" = 100'



**BLOWOUT PREVENTER HOOK-UP**  
**2,000 psi Working Pressure**  
**EXHIBIT D-2**

B.O.P. TO BE INSTALLED IS A 10" SERIES 900  
CAMERON "SPACE SAVER" W/ KOOMY CONTROLS

