

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Artesia, NM 88210  
SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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-0916
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 N/A
2. NAME OF OPERATOR Citation Oil & Gas Corp. ✓			7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR 16800 Greenspoint Park Drive South Atrium, Suite 300, Houston, TX 77060			8. FARM OR LEASE NAME Bear Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface: N 1/4 SE SW 660' FSL & 1980' FWL At proposed prod. zone: Same			9. WELL NO. #1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 39 miles North-Northwest of Carlsbad			10. FIELD AND POOL, OR WILDCAT Wildcat - Permian
16. NO. OF ACRES IN LEASE 1600			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24 T16S R29E
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			12. COUNTY OR PARISH Eddy
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 660'			13. STATE NM
19. PROPOSED DEPTH 9800'			20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3714 GR			22. APPROX. DATE WORK WILL START* March 15, 1986

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40 ST&C	500'	500 sx Class C; 2% CaCl <sub>2</sub> <b>CIRCULATE</b>
12-1/4"	8-5/8"	32# K-55, ST&C	2600'	730 sx Halliburton Light (C)
7-7/8"	5-1/2"	17# N-80, LT&C	<del>10,500'</del> 9800'	500 sx Class H

1. Drill 17-1/2" hole and set 13-3/8" surface casing to 500' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 7-7/8" hole to ~~10,500'~~ 9800'.
3. Run tests if warranted and run 5-1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

- |             |  |
|-------------|--|
| "A"         | Location and Elevation Plat                                      |
| "B"         | Drilling Program to Accompany A.P.D.                             |
| "C"         | The Blowout Preventer Diagram                                    |
| "D"         | Surface Use Program to Accompany A.P.D.                          |
| "E" & "E-1" | Access Road Maps to Location                                     |
| "G" & "G-1" | Drill Pad Layout, Production Facilities & Cut-Fill Cross Section |
| "H"         | Drill Rig Layout   |

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 Donald Javro TITLE Production Coordinator DATE February 24, 1986  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 3-7-86  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## OIL CONSERVATION DIVISION

EXHIBIT "A"

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

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

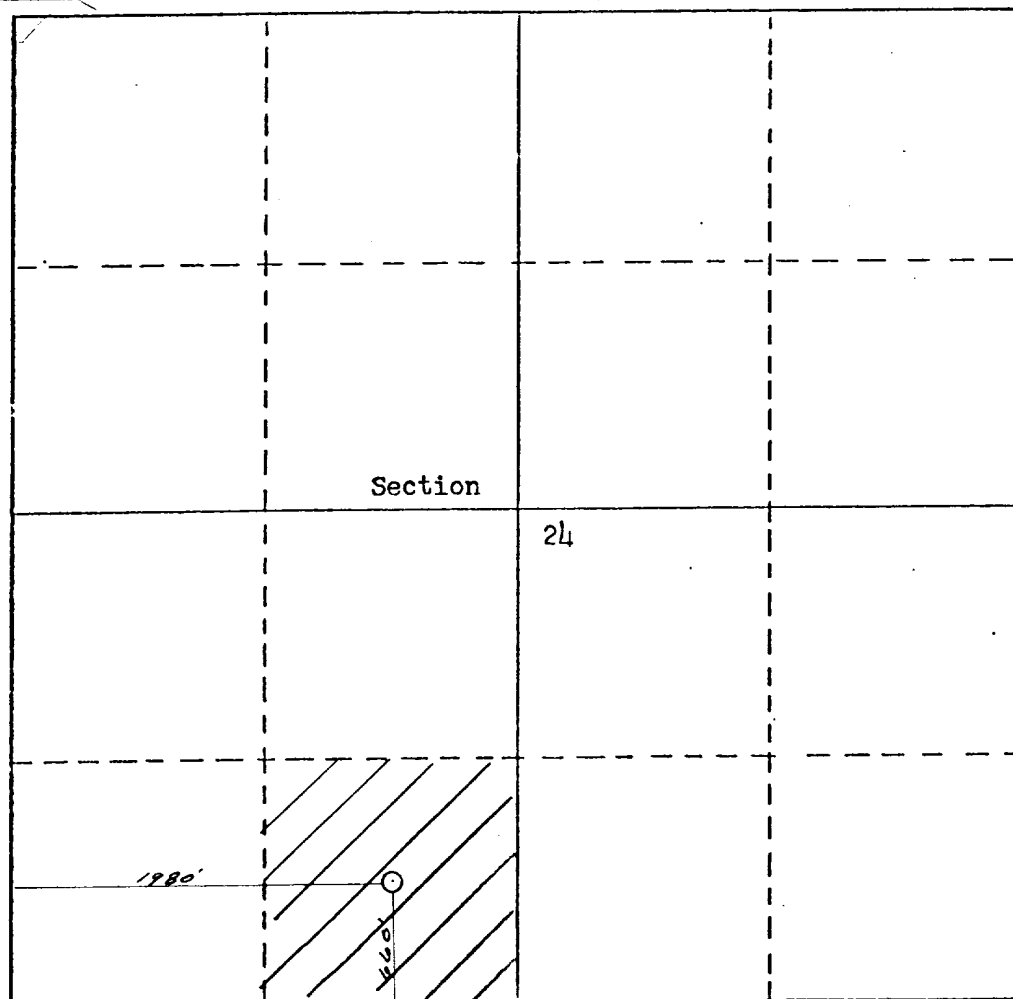
Operator <b>Citation Oil &amp; Gas Corp.</b>			Lease <b>Bear-Federal</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>24</b>	Township <b>T 16</b>	Range <b>R 29 E</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3713.9</b>	Producing Formation <b>Penn Reef</b>		Pool <i>Wildcat Penn</i>	Dedicated Acreage: <b>40</b> 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 Division.



## CERTIFICATION

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

*George Lapaseotes*

 Name  
George Lapaseotes

 Position  
President

 Company  
Powers Elevation

 Date  
February 20, 1986

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.

2-20-86

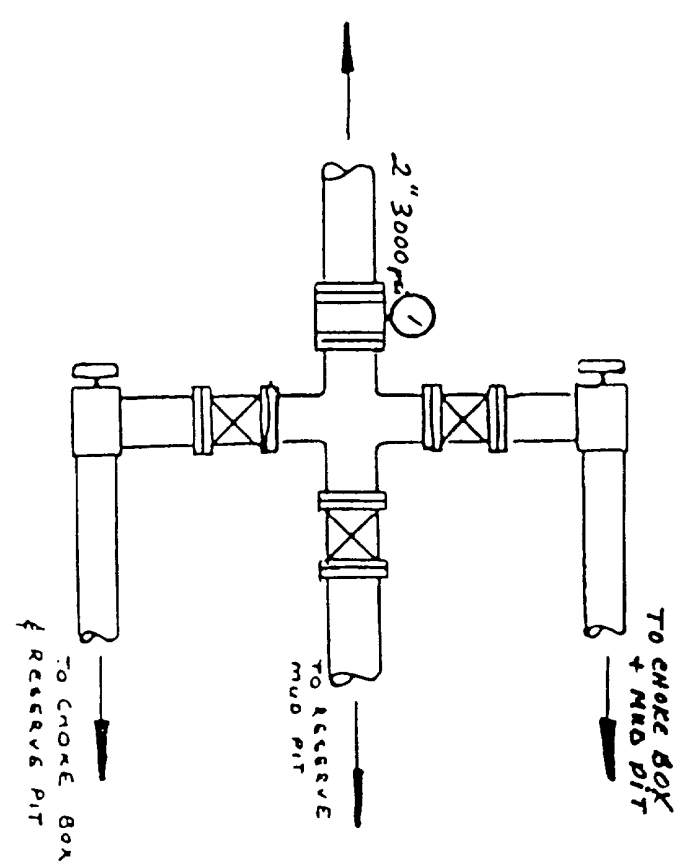
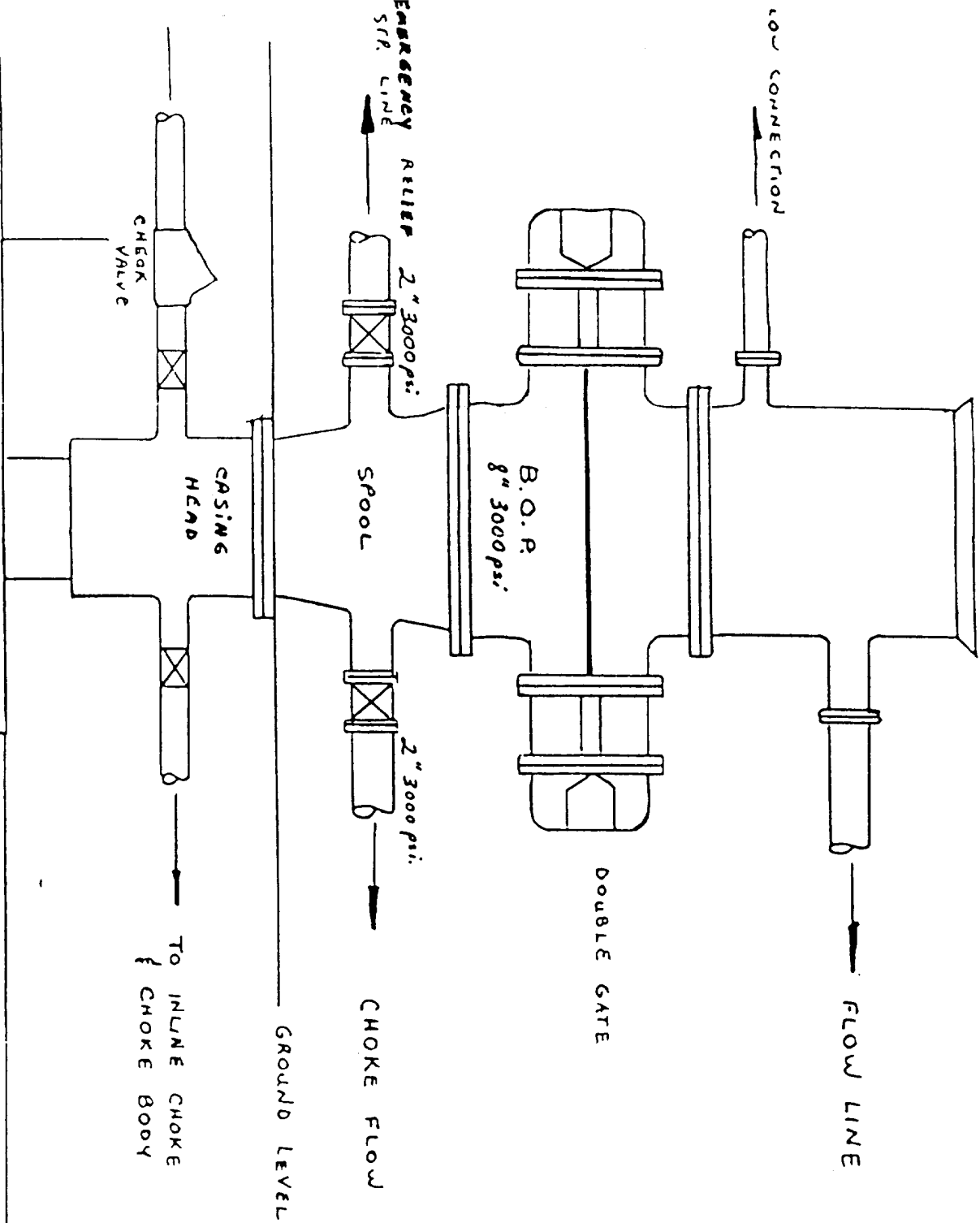
Date Surveyed

 Registered Professional Engineer  
and/or Land Surveyor

8894

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



BLOW OUT PREVENTER AND MANIFOLD

scale date

EXHIBIT "B"

DRILLING PROGRAM TO

ACCOMPANY A.P.D. FORM 3160-3

Attached to Form 3160-3

Citation Oil & Gas Corp.  
#1 Bear-Federal  
C SE SW Sec. 24, T16S R29E  
660' FSL & 1980' FWL  
Eddy County, New Mexico

1. The Geologic Surface Formation

The surface formation is Anhydrite.

2. Estimated Tops of Important Geologic Markers

Yates	950'	Pennsylvania	8760'
Premier	2730'	Reef	9635'
San Andres	2850'	Abo	5800'
Wolfcamp	7540'		

3. Estimated Depths (Tops & Bottoms) of Anticipated Water, Oil, Gas or Mineral and Lessee's or Operators Plans for Protection of Such Resources.

Fresh water at surface only. Protect with sufficient surf. csg.  
Possible oil: Pen Reef @ 9635'

Set Production casing and cement thru productive zones.

All casing strings will be pressure tested to 0.2 psi/ft. or 1000 psi, whichever is greater.




4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>SETTING DEPTH INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>NEW OR USED</u>
17-1/2"	500'	500'	13-3/8"	48# H-40 ST&C	New
12-1/4"	2600'	2600'	8-5/8"	32# K-55 ST&C	New
7-7/8"	10,500'	10,500'	5-1/2"	17# N-80 LT&C	New

Cement Program:

Surface Casing: 500 sx Class C + 2% CaCl<sub>2</sub>.  
Water Ratio: 6.3 gals. per sk. Slurry weight:  
14.8 lbs. per gal. Slurry volume: 1.32 cu. ft. per sk.

### Detail of Access Road

 DRY HOLE  
 OIL WELL  
 ABANDONED OIL WELL

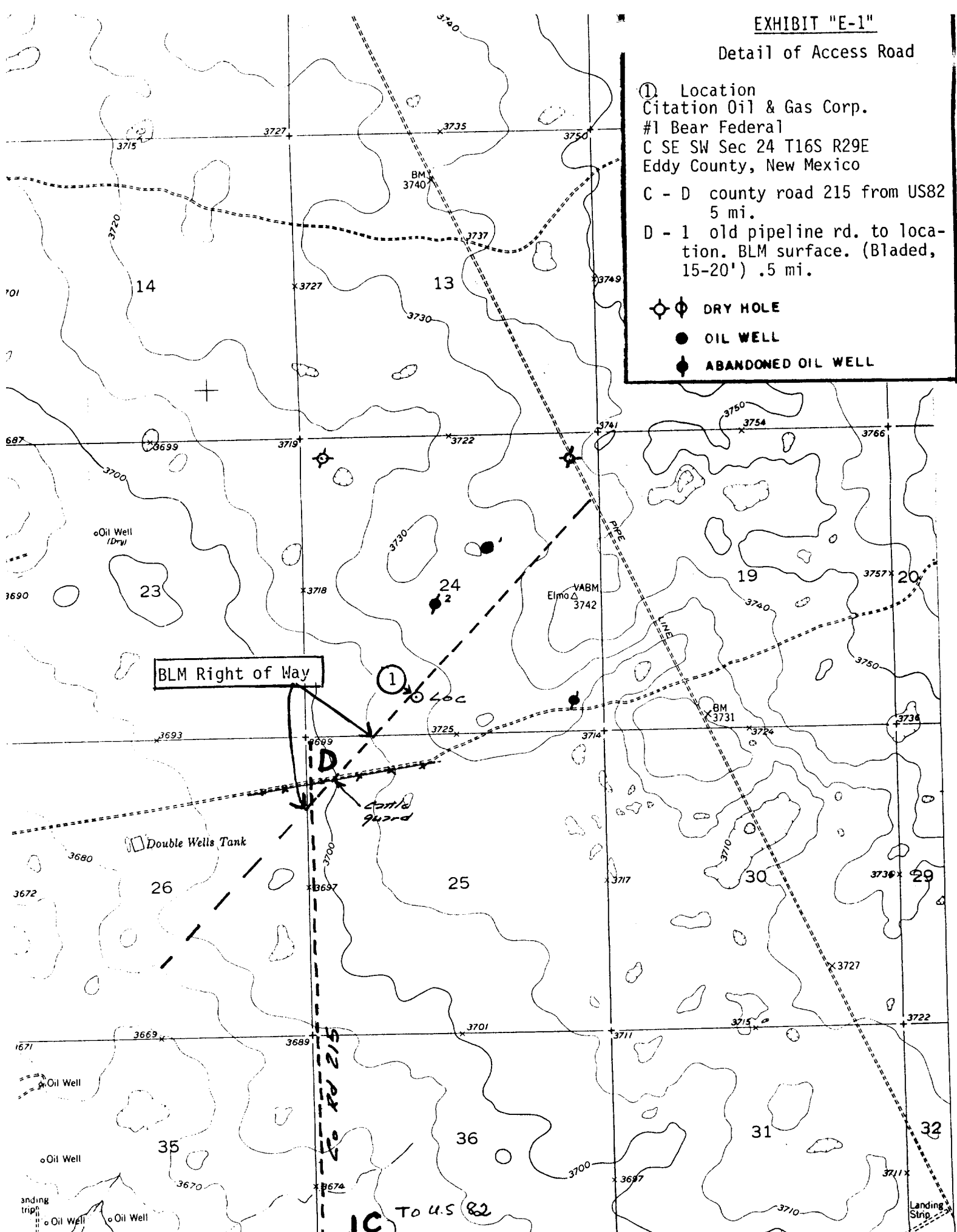


EXHIBIT "H"  
Drill Rig Layout

