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NEW MEXICO OIL CONSERVATION COMMISSION

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MAY 19 1981

O. C. D.

30-015-23875

FORM C-101
Revised 1-1-65

| | |
|--------------------------------|---|
| 5A. Indicate Type of Lease | |
| STATE <input type="checkbox"/> | FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|---|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | South Culebra Bluff | |
| 2. Name of Operator Delta Drilling Company | | 8. Farm or Lease Name South Culebra Bluff Unit | |
| 3. Address of Operator 3100-C North "A" Midland, Texas 79701 | | 9. Well No. 7 | |
| 4. Location of Well UNIT LETTER 0 LOCATED 930 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 14 TWP. 23S RGE. 28E NMPM | | 10. Field and Pool, or Wildcat South Culebra (Bone Spring) | |
| | | 12. County Eddy | |
| | | 19. Proposed Depth 7200' | |
| | | 19A. Formation Bone Spring | |
| | | 20. Rotary or C.T. Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) 2988.8 | | 21A. Kind & Status Plug. Bond Blanket | |
| | | 21B. Drilling Contractor Delta Drilling Company | |
| | | 22. Approx. Date Work will start 15 June 1981 | |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 11" | 8-5/8" | 24 | 500' | 220 | Surface |
| 7-5/8" | 5-1/2" | 17 | 7200' | 1350 | Surface |

Cement:

Cement will be circulated to surface on 5-1/2" casing by the use of a DV tool set at 3000'.

Mud Program:

Drill with native mud to 500'. Drill from 500' to 7200' with 10#/gal brine. BOP sketch attached.

NSL-1384
7-13-81

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-23-82
UNLESS DRILLING UNDERWAY

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. 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 R. Brown Title Production Engineer Date 6 May, 1981

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT 1 DATE JUL 2 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to

NEIGHBORHOOD UNIT CONCEPT WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

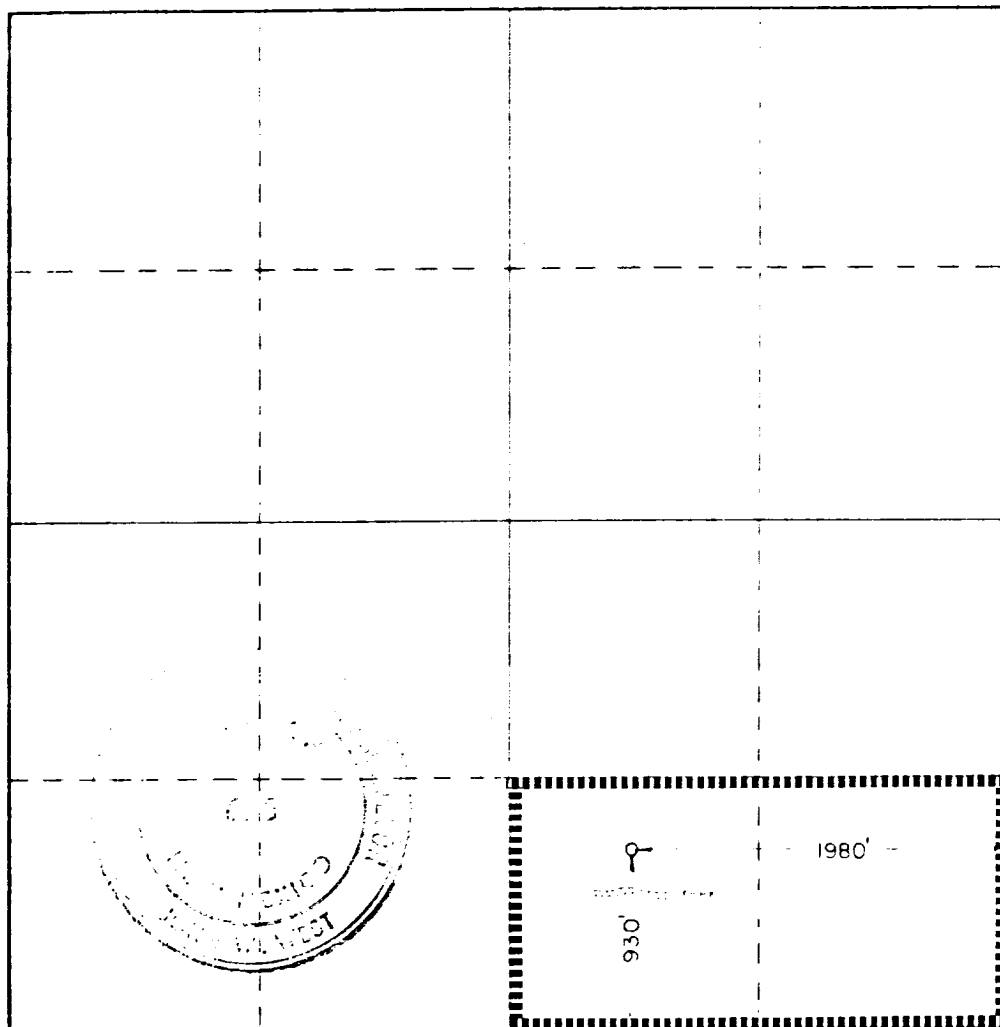
| | | | | |
|----------------------------------|---------------------|---------------------|---------------------|----------------------|
| Delta Drilling Co. | | South Culebra Bluff | | 7 |
| Section | Block | Township | Range | County |
| 0 | 14 | 23 South | 28 East | Eddy |
| Actual Footage Location of Well: | | | | |
| 930 | feet from the | south | line and | 1980 |
| | | | | feet from the |
| | | | | east |
| and Level Elev | Producing Formation | | Foot | Production Acquiring |
| 2988.8 | Bone Spring | | South Culebra Bluff | 80 |

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 Unitization

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

Ron Brown

Name
Ron Brown

Position
Production Engineer

Company
Delta Drilling Company

Date
18 May, 1981

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

5/4/81

Registered Professional Engineer
and Land Surveyor

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6883
Ronald J. Eidson 3239

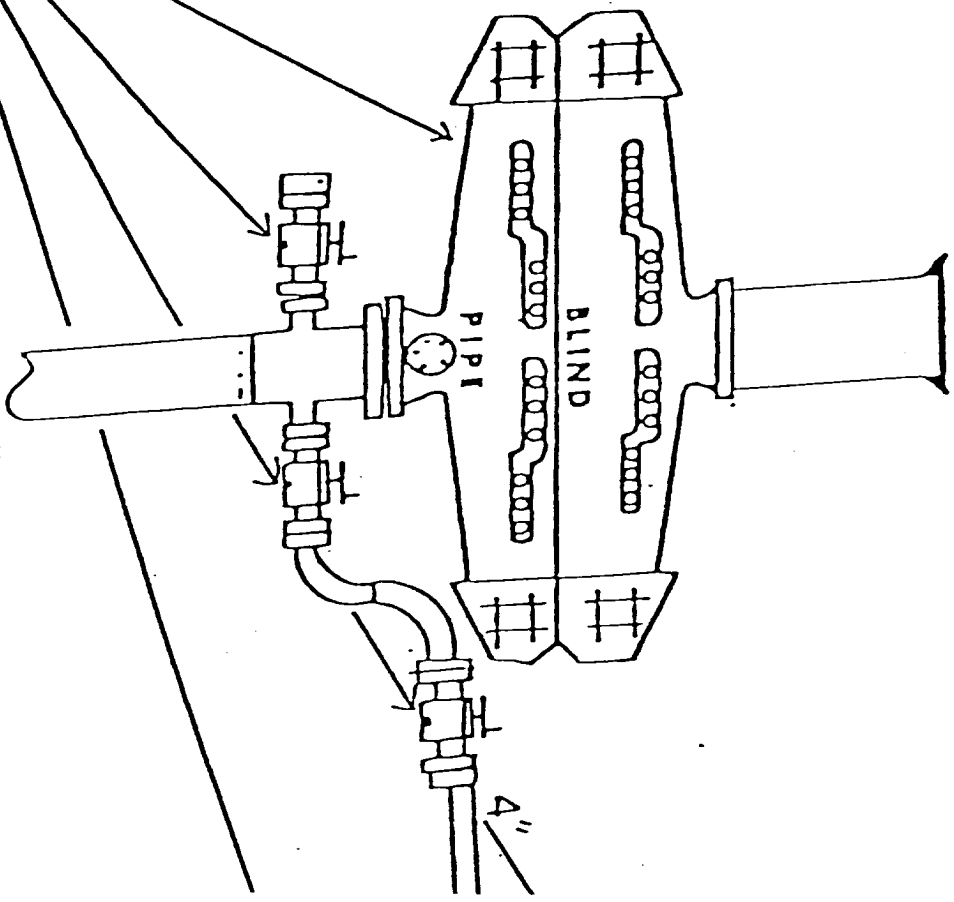
330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

10" 900 S.S.

3000# TEST

8 5/8"

4"



DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710
May 15, 1981

ADDRESS REPLY TO

West Texas Production Division
P.O. Box 3467
MIDLAND, TEXAS 79702

POSTAGE

MAY 15 1981

ARTESIA, NEW MEXICO

State of New Mexico
Oil Conservation Division
P.O. Drawer DD
Artesia, New Mexico


Attn: Mr. W. A. Gressett

Re: Delta South Culebra Bluff Unit No. 7
Delta South Culebra Bluff Unit No. 9
Delta Donaldson Comm "A" No. 2
South Culebra Bluff (Bone Spring)
Eddy County, New Mexico

Dear Sir,

Enclosed for your review and approval are drilling permits on the above three wells. If you have any questions, please contact me at the Midland office.

Very truly yours,



J. A. Coon
Division Production Manager

JAC/mkg
Enclosures
cc: Well File



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

July 13, 1981

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

RECEIVED

JUL 20 1981

Delta Drilling Company
Box 2012
Tyler, Texas 75710

O. C. D.
ARTESIA, OFFICE

Attention: J. A. Coon

Administrative Order NSL-1384

Gentlemen:

Reference is made to your application for approval of three non-standard locations for your Delta South Culebra Bluff Unit Well No. 7 to be located 930 feet from the South line and 1980 feet from the East line of Section 14; your Delta South Culebra Bluff Unit Well No. 8 to be located 660 feet from the North line and 1740 feet from the East line of Section 14, and your Delta South Culebra Bluff Unit Well No. 9 to be located 1980 feet from the South line and 1650 feet from the West line of Section 24, all in Township 23 South, Range 28 East, NMPM, South Culebra Bluff Bone Spring Pool, Eddy County, New Mexico.

By authority granted me under the provisions of Rule 5 of Order No. R-6139, the above-described unorthodox locations are hereby approved.

Sincerely,

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Artesia
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Artesia

