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NEW MEXICO OIL CONSERVATION COMMISSION

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30-015-23876

Form C-101
Revised 1-1-65

MAY 19 1981

O. C. D.
ARTESIA OFFICE

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

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"/>			7. Unit Agreement Name South Culebra Bluff
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"/>			8. Farm or Lease Name South Culebra Bluff Unit
2. Name of Operator Delta Drilling Company			9. Well No. 9
3. Address of Operator 3100-C North "A" Midland, Texas 79701			10. Field and Pool, or Wildcat South Culebra Bluff (Bone Spring)
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>24</u> TWP. <u>23S</u> RGE. <u>28E</u> NMPM			12. County Eddy
19. Proposed Depth 7200'		19A. Permeation Bone Spring	20. Rotary or C.T. Rotary
21. Elevations (show whether DF, KI, etc.) 2991.6	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 Ron Brown Title Production Engineer Date 6 May, 1981

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT III DATE JUL 23 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 8 5/8" & 5 1/2" casing

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACRESAGE DEDICATION PLAT

Form No. 1
Supersedes O-226
Effective 10/1/75

All distances must be from the outer boundaries of the Section

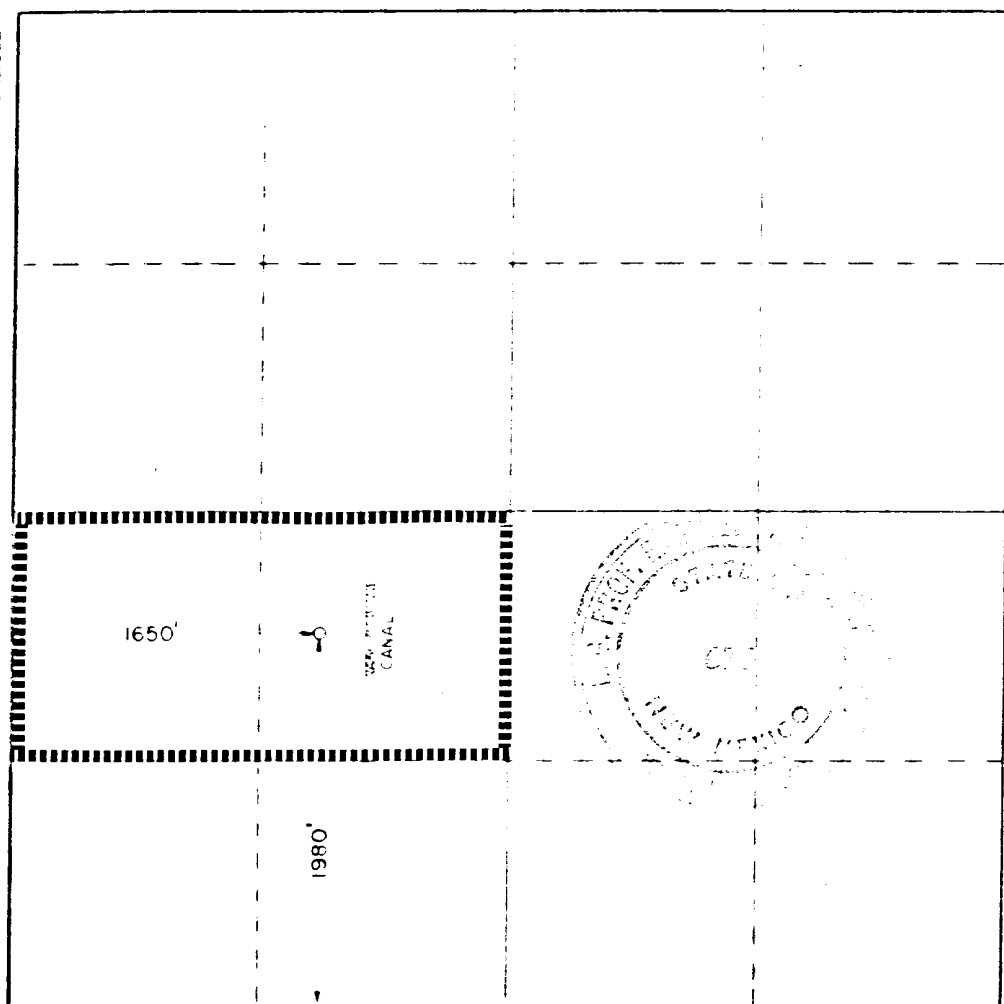
Operator Delta Drilling Co.		Well No. South Culebra Bluff 4			Section 9	
Tract Letter K	Section 24	Township 23 South	Range 28 East	Name Eddy		
Actual Location of well: 1980 feet from the south line and 1650 feet from the west line						
Ground Level Elev. 2991.6	Producing Formation Bone Spring		Feet South Culebra Bluff	Dedicated Acreage 80		

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 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

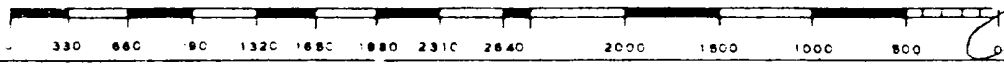
Date
18 May, 1981

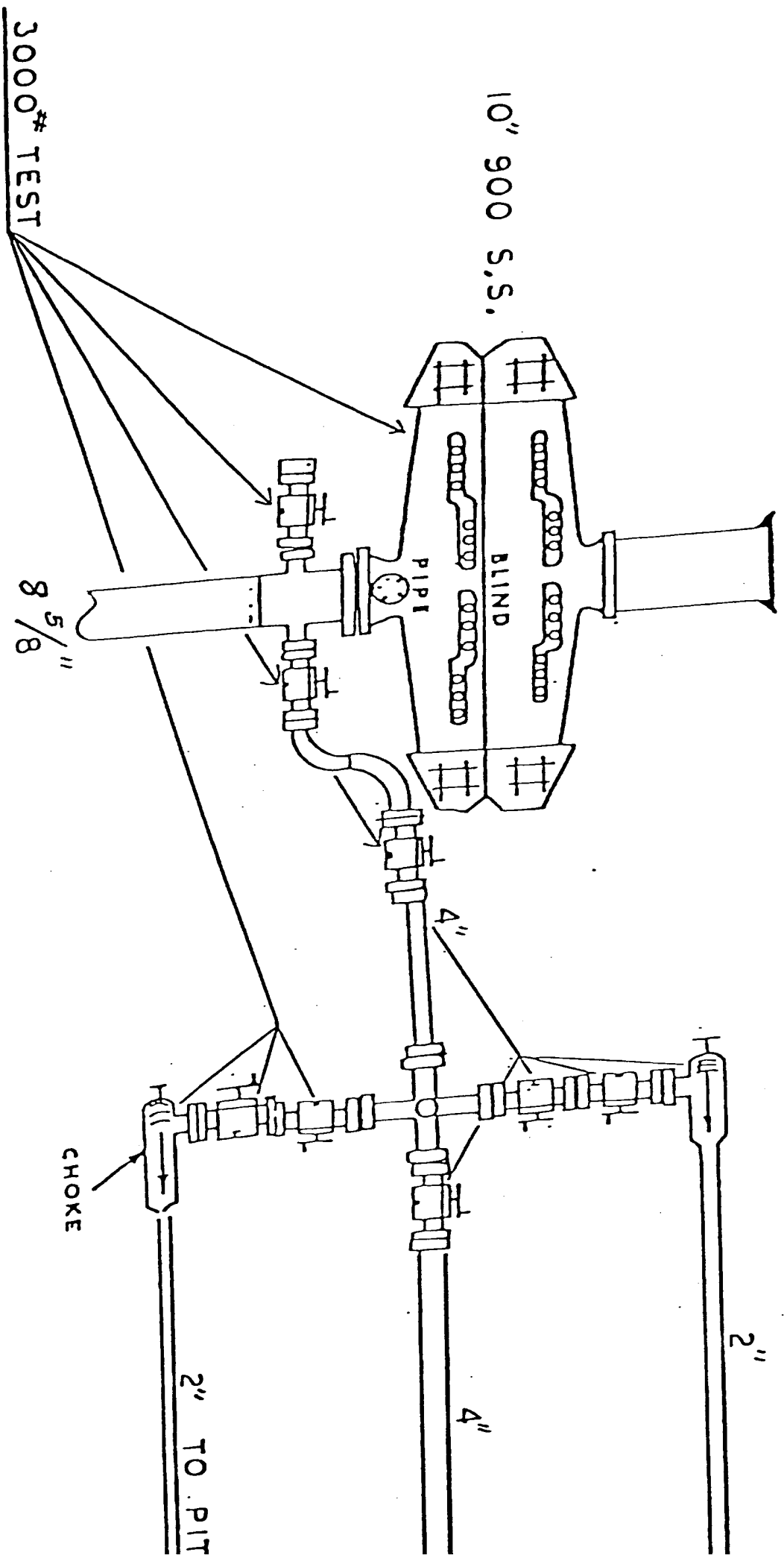
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
5/4/81

Registered Professional Engineer and Oil and Gas Surveyor
John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6863
Ronald J. Eidson 3239







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

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JUL 20 1981

O. C. D.
ARTESIA, OFFICE

Delta Drilling Company
Box 2012
Tyler, Texas 75710

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