

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-85

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

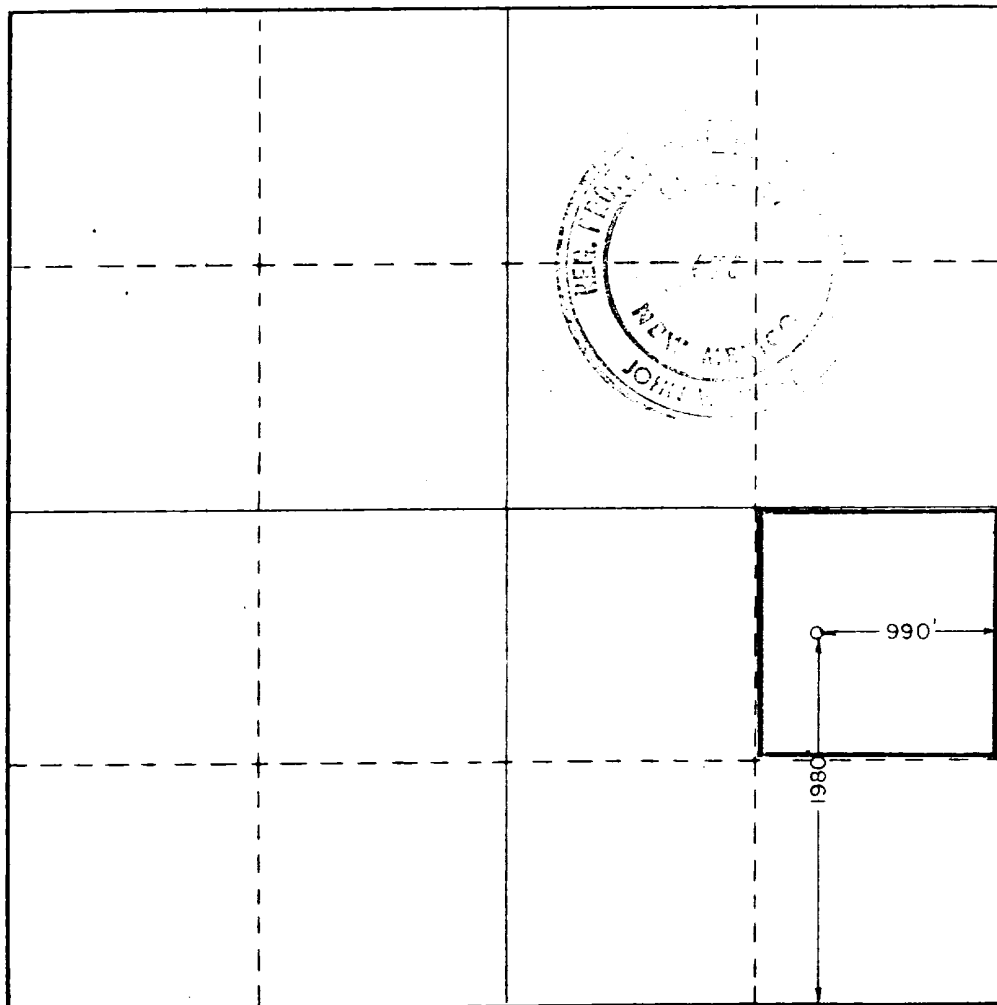
Operator <b>David Fasken</b>			Lease <b>Davoil State</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>8</b>	Township <b>17 South</b>	Range <b>37 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>990</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3780.1</b>	Producing Formation <b>Devonian</b>	Pool <b>Midway (Devonian)</b>		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 Commission.



CERTIFICATION

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

*J. T. Lent, Jr.*

Name

**J. T. Lent, Jr.**

Position

**Agent**

Company

**DAVID FASKEN**

Date

**4-20-81**

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

**April 10, 1981**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 678**  
**PATRICK A. ROMERO 6863**  
**Ronald J. Eidson 3239**

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

30-025-27393

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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Davoil State	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Midway (Devonian)	
12. County	
Lea	
19. Proposed Depth	197. Formation
12000'	Devonian
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DP, RT, etc.)	21A. Kind & Status Plug, Bond
3780.1' GL	Statewide
21B. Drilling Contractor	22. Approx. Date Work will start
Warton Drilling Co.	4-25-81

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"/>	
b. Type of Well	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	
DAVID FASKEN	
3. Address of Operator	
608 First National Bank Building, Midland, Texas 79701	
4. Location of Well	
UNIT LETTER I	LOCATED 1980 FEET FROM THE South LINE
AND 990 FEET FROM THE East	LINE OF SEC. 8 TWP. 17-S RGE. 37-E NMPM
21. Elevations (Show whether DP, RT, etc.)	
3780.1' GL	
21A. Kind & Status Plug, Bond	
Statewide	
21B. Drilling Contractor	
Warton Drilling Co.	
22. Approx. Date Work will start	
4-25-81	

23.

## 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	400'	350	Surface
12-1/4"	8-5/8"	24 & 32	4500'	1600	Surface
7-7/8"	5-1/2"	17 & 20	12000'	(1) 375	8500'
				(2) 850	4200'

See attached:

- (1) Copy of drilling and completion procedure.
- (2) BOP plan.

APPROVAL VALID FOR 180 DAYS  
 PERMIT EXPIRES 10/27/81  
 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 J. T. Lent, Jr. Title J. T. Lent, Jr., Agent Date 4-16-81

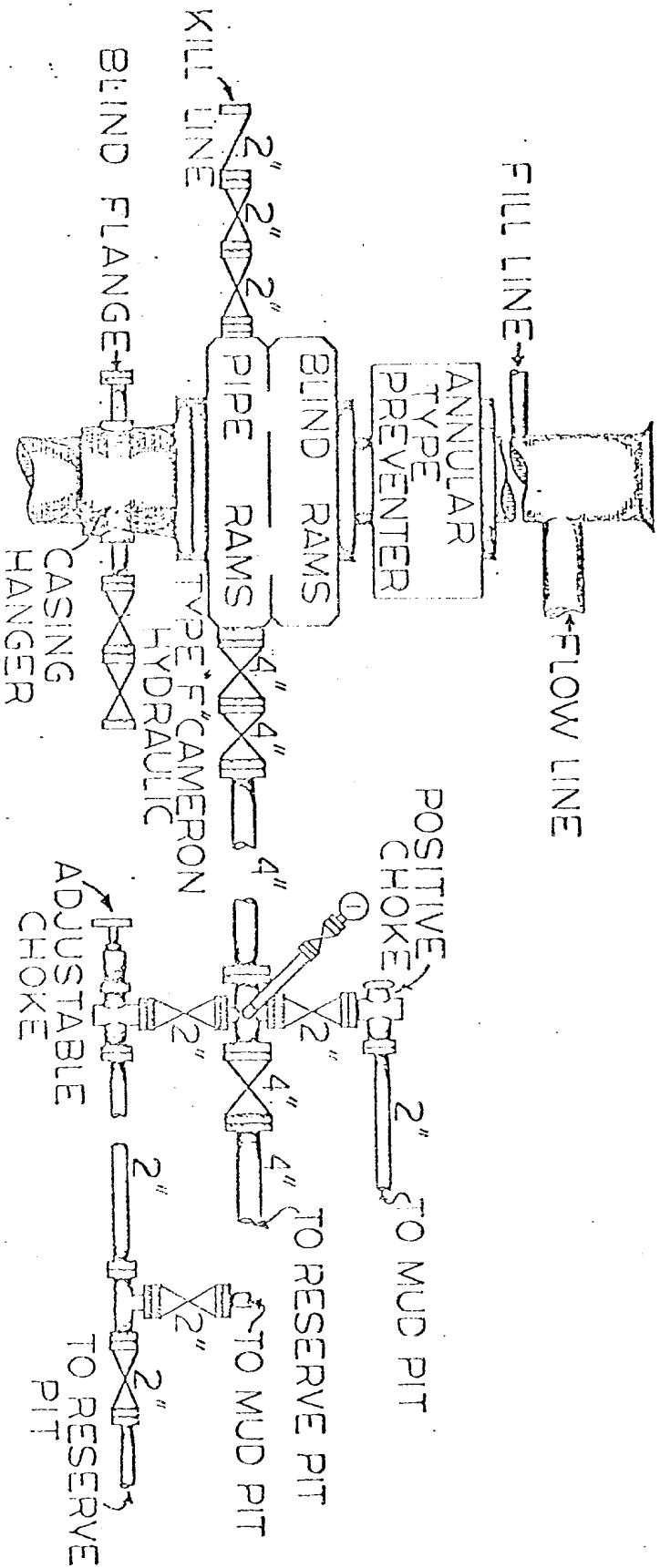
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

# BO.P ARRANGEMENT—RIG NO. 7

12" GK HYDRIL 3000 WP  
 160 GALLON—7 STATION KOOMEY ACCUMULATOR WITH REMOTE CONTROL  
 5000 LB. WP CHOKE MANIFOLD  
 13 5/8" TYPE "U" CAMERON 5000 WP, DOUBLE BO.P



DATE: 8/30/78

RAWN BY: V. WARTON

RECOMMENDED DRILLING & COMPLETION PROCEDURE

A.F.E. NO. 459

David Fasken ----- DAVOIL-STATE NO. 1 ----- Lea County, New Mexico

1. Drill 17-1/2" hole to 400' with spud mud.
2. Set 13-3/8" casing at 400', cement to surface and install 12" - 3000 psi WP casinghead and B.O.P. stack (estimate 250 sxs. Halliburton Lite with 2% CaCl slurry weight 12.7 ppg plus 100 sxs Class "C" w/2% CaCl slurry weight 14.8 ppg).
3. Drill 12-1/4" hole with brine water to 4500', control seepage with paper, run hole volume survey at 4200'.
4. Set and cement 8-5/8" casing at 4500' with sufficient cement to circulate. (Estimate 1400 sxs Halliburton Lite with 15# salt/sack and 1/4# Flocele/sack, slurry weight 12.7 ppg, plus 200 sxs Class "C" with 2% CaCl, slurry weight 14.8 ppg). W.O.C. 18 hours, install 12" - 3000 psi x 10" - 3000 psi spool with secondary seal and bit guide, choke manifold, B.O.P.'s and Hydril.
5. Before 9000', hydrostatically test 300' of 8-5/8" casing to 2300 psi, casing spool, B.O.P.'s and choke manifold to 3000 psi, and Hydril to 1500 psi.
6. Drill 7-7/8" hole to total depth of 11,900' using fresh water to 7200', use 4% KCL water to 10,200', mud up with Polymer starch mud - 8.7 ppg, 38-40 sec. viscosity, 10 cc water loss. Increase viscosity as necessary to maintain hole to total depth.
7. Drill stem test all shows below the Abo.
8. Log Well - CNL-FDC with Gamma Ray, DLL w/MSFL, Dip Meter, and BHC Integrated Sonic.
9. Set and cement 5-1/2" production casing with D.V. tool at approximately 8500' (resin coated and centralized through possible production zones).  
  
First Stage: 375 sxs Class "H" - Halliburton Lite w/6# KCL/sx, 0.6% Halad-22, 0.4% CFR-2, 1/4# Flocele/sx, slurry weight 12.7 ppg, yield 2 cf/sack plus 375 sx Class "H" w/3# KCL/sx, 0.8% Halad-22, 0.4% CFR-2, 1/4# Flocele/sx, slurry weight 15.6 ppg, yield 1.22 cf/sx.  
  
Second Stage: With D.V. tool at approximately 8500', 850 sxs Class "C" - Halliburton Lite w/6# KCL/sx, 0.6% Halad-22, 0.4% CFR-2, 1/2# Flocele/sx, slurry weight 12.7 ppg, plus 100 sx Class "C" neat.
10. Set slips, nipple down B.O.P.'s and run temperature survey to locate cement top.
11. Install 10" - 3000 psi x 6" - 3000# tubinghead and flow tree.
12. Rig down and move out rotary tools.
13. Level location, set mast anchors, move in and rig up completion unit and reverse drilling unit.
14. Drill out D.V. tool and test to 1500#.
15. Clean out to float collar and test casing and tubinghead to 3000# with pump truck.