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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE [X] FEE [ ]

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well: DRILL [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. Unit Agreement Name

8. Farm or Lease Name: Consolidated State

2. Name of Operator: DAVID FASKEN

9. Well No.: 2

3. Address of Operator: 608 First National Bank Building, Midland, Texas 79701

10. Field and Pool, or Wildcat: Midway (Devonian)

4. Location of Well: UNIT LETTER A LOCATED 990 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE OF SEC. 8 TWP. 17-S RGE. 37-E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
12,000'	Devonian	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3785.3' GL	Statewide	Warton Drilling Co.	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) 225 (2) 850	8500' 4200'

See attached:

(1) Copy of drilling and completion procedure.

(2) BOP plan.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 10/29/81
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 [illegible] TITLE SUPERVISOR DISTRICT I DATE APR 20 1981

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
David Fasken	Consolidated State	2

Unit Letter	Section	Township	Range	County
A	8	17South	37East	Lea

Actual Footage Location of Well:
990 feet from the North line and 990 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3785.3'	Devonian	Midway (Devonian)	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

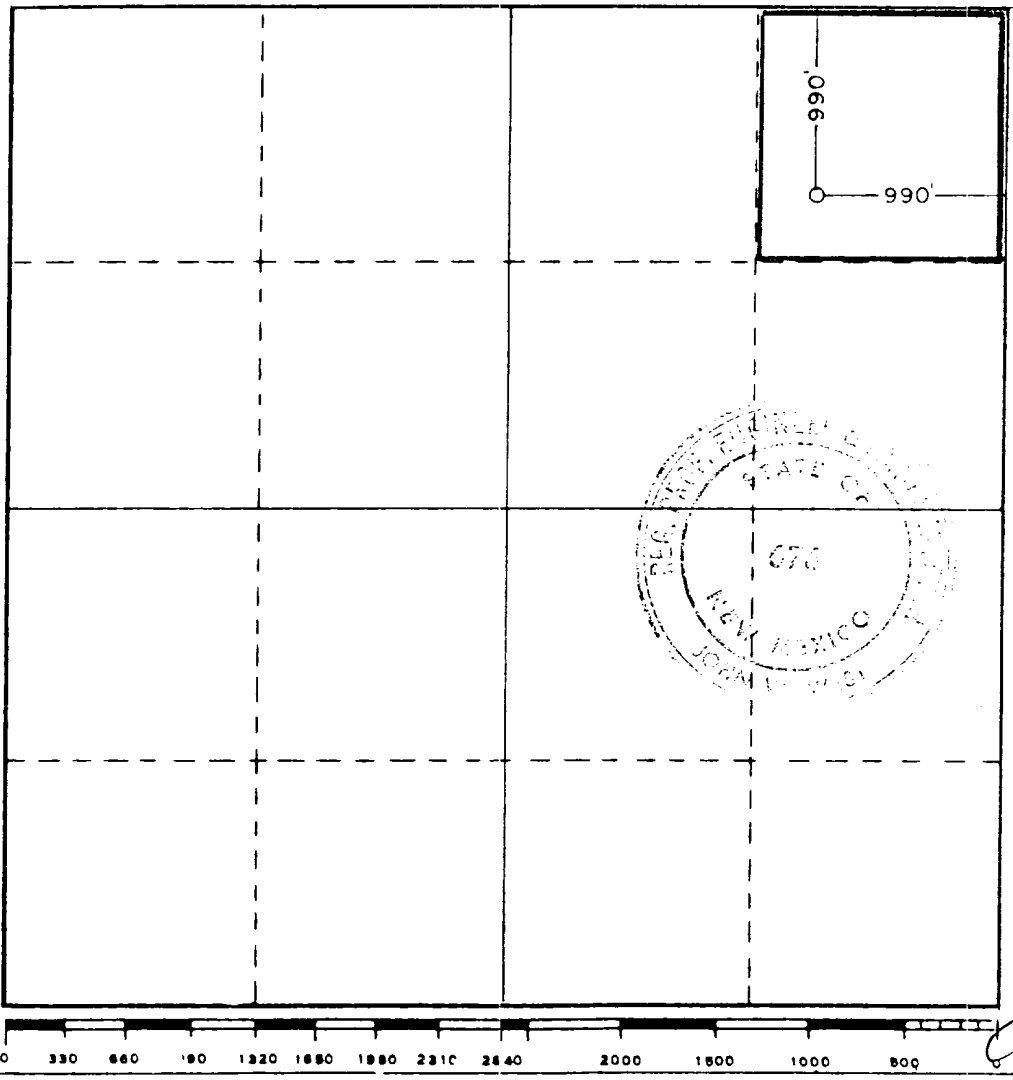
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 _____

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 9, 1981

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No JOHN W. WEST 676
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

RECOMMENDED DRILLING & COMPLETION PROCEDURE

A.F.E. NO. 473

David Fasken ---------- CONSOLIDATED STATE NO. 2 ---- Midway Field
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 11,000' 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: 225 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/sx, plus 375 sxs 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 slurry weight 14.4 ppg.

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.

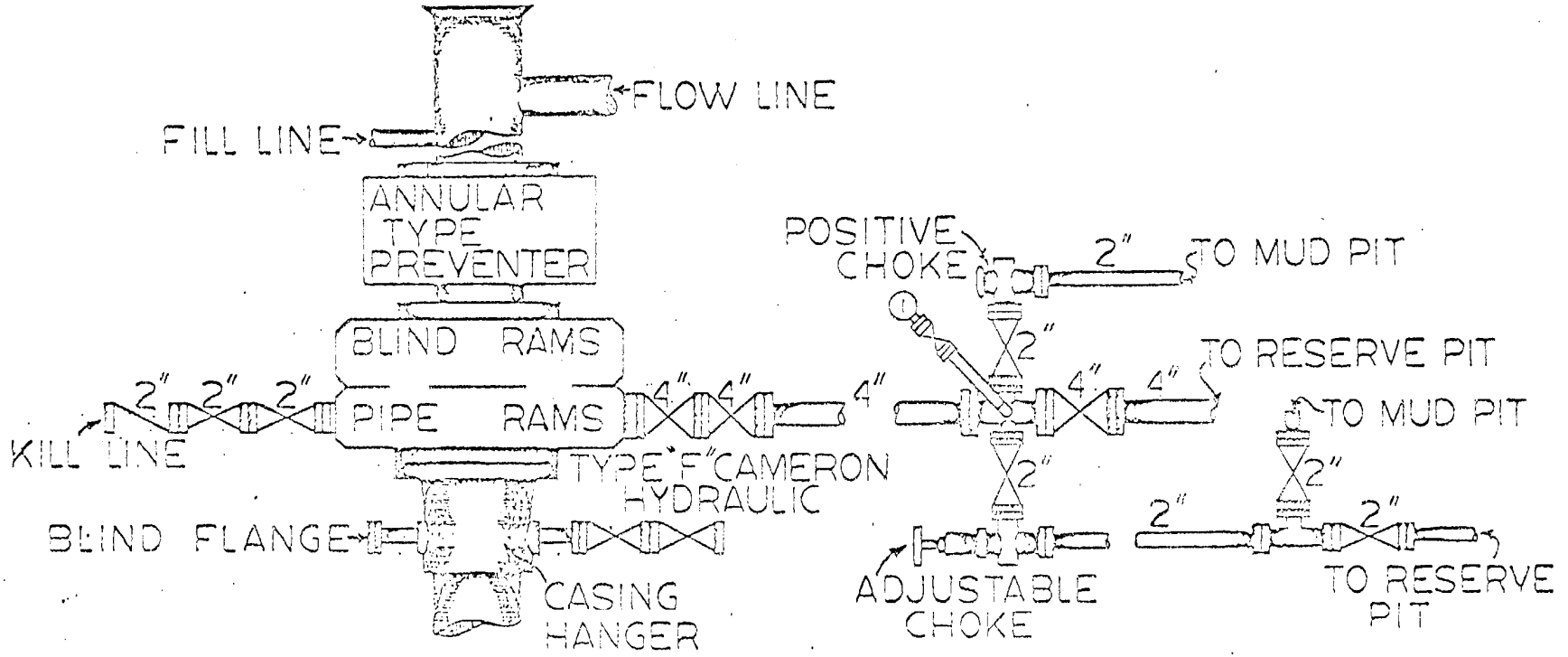
13. Level location, set mast anchors, move in and rig up completion unit and reverse drilling unit.

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.

B.O.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 B.O.P.



DATE: 8/30/78
DRAWN BY: V. WARTON