

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-20525

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Damson Oil Company

3. ADDRESS OF OPERATOR  
 260 No. Belt East, Suite 300, Houston, Texas 77060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 330° FNL, 1650° FEL  
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330°

16. NO. OF ACRES IN LEASE  
 --

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. No other well

19. PROPOSED DEPTH 3675'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6698° GR

22. APPROX. DATE WORK WILL START\*  
 10-15-77

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	24.00	120	100 SXS
6-3/4"	4 1/2"	10.50	3675'	To be determined

It is proposed to drill this well with rotary tools, using drilling mud as a circulating medium. Possible productive intervals will be tested and/or completed.


Estimated Formation Tops

Hospah	680'	Morrison	2505'
Gallup	1365'	Entrada	3525'
Dakota	2175'	Carmel	3655'

The NW/4NE/4 Sec. 24 is dedicated to this well.  
 The Natural Gas produced from this well is not committed

For: Damson Oil Company

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.  President, Walsh Engineering & Production Corporation, Sept. 29, 1977  
 SIGNED Ewell N. Walsh, P.E. TITLE DATE

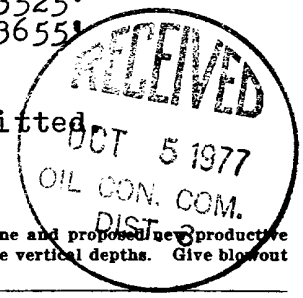
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

*Okal*

OCT 3 1977

\*See Instructions On Reverse Side



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.

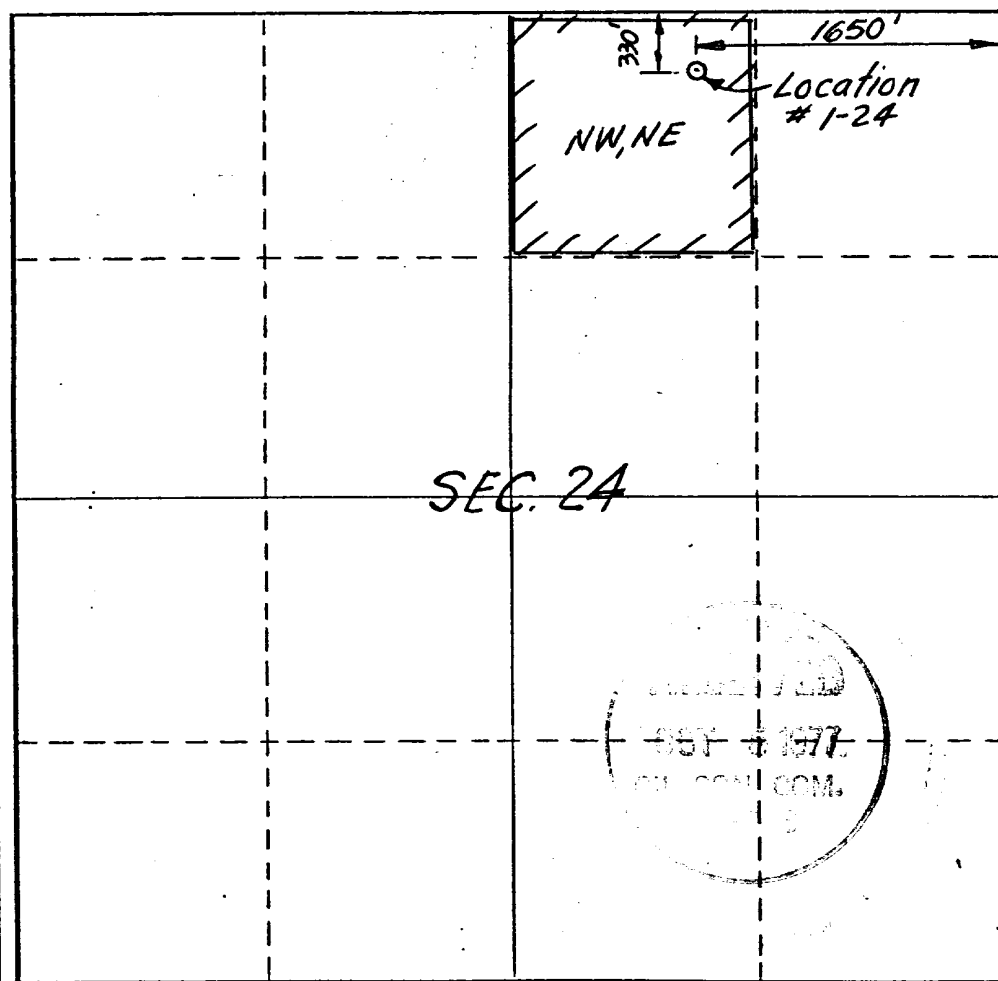
Operator <b>Damson Oil Company</b>		Lease <b>Federal 24</b>		Well No. <b>1-<del>2</del></b>
Unit Letter <b>B</b>	Section <b>24</b>	Township <b>15 North</b>	Range <b>8 west</b>	County <b>McKinley</b>
Actual Footage Location of Well: <b>330</b> feet from the <b>North</b> line and <b>1650</b> feet from the <b>East</b> line				
Ground Level Elev. <b>6698.0</b>	Producing Formation <b>Entrada</b> ✓	Pool <b>Wildcat</b> ✓	Dedicated Acreage: <b>40</b> 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.

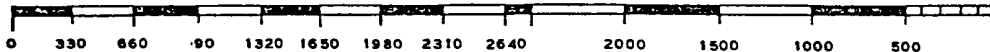
Name **W.D. Houston**  
Field Survey Party Chief  
Position  
**Wm. Matotan & Assoc., Inc.**  
Company  
**Sept. 27, 1977**  
Date

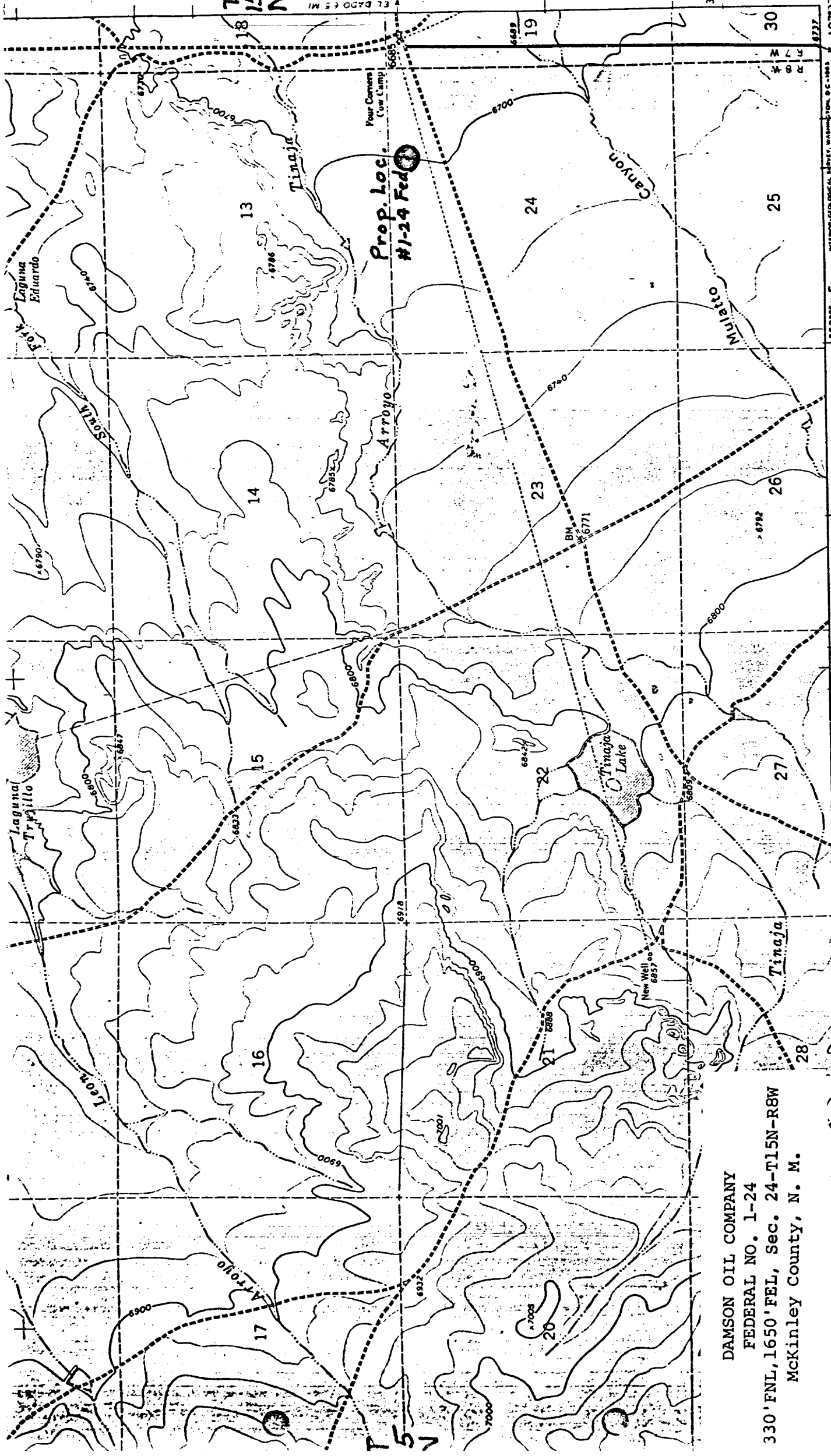
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

**Sept. 23, 1977**

Date Surveyed  
*William I. Matotan*  
Registered Professional Engineer  
and/or Land Surveyor  
**William I. Matotan, P.E. & L.S.**

Certificate No. **1593**





DAMSON OIL COMPANY  
 FEDERAL NO. 1-24  
 330' FNL, 1650' FEL, Sec. 24-T15N-R8W  
 McKinley County, N. M.

4230' 1 MILE  
 SCALE 1:24 000  
 260000m. E. 10737  
 INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. 20543  
 U. S. GEOLOGICAL SURVEY

**TINAJA LAKE PROSPECT**  
 McKinley Co., New Mexico  
 Scale: 1" = 2000'

ROAD CLASSIFICATION

DEVELOPMENT PLAN

DAMSON OIL COMPANY  
FEDERAL NO. 1-24  
330'FNL, 1650'FEL, SEC. 24-T15N-R8W  
MC KINLEY COUNTY, N. M.

1. Existing roads shown on attached plat.
2. Planned access from existing road is approximately 300' to new location.
3. Location -  
    See above
4. No additional well is planned on this lease at this time.
5. Production equipment or storage facilities proposed for the well will be installed on location.
6. Water to be obtained from water holes on Lee Ranch as per designated by ranch owner.
7. Waste materials will be buried on location or in reserve pit.
8. No permanent camp is planned. A trailer house will be used on location during drilling process.
9. No airstrip proposed.
10. See attached plat for layout.
11. Pits will be filled, location cleaned up, and area not in use for producing well will be reseeded.

12. Lessee's or operator's representative.

Ewell N. Walsh: 325-8203; Radio Dispatch 325-1873, Car 620.  
Address: P. O. Box 254, Farmington, New Mexico 87401

13: CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by: \_\_\_\_\_

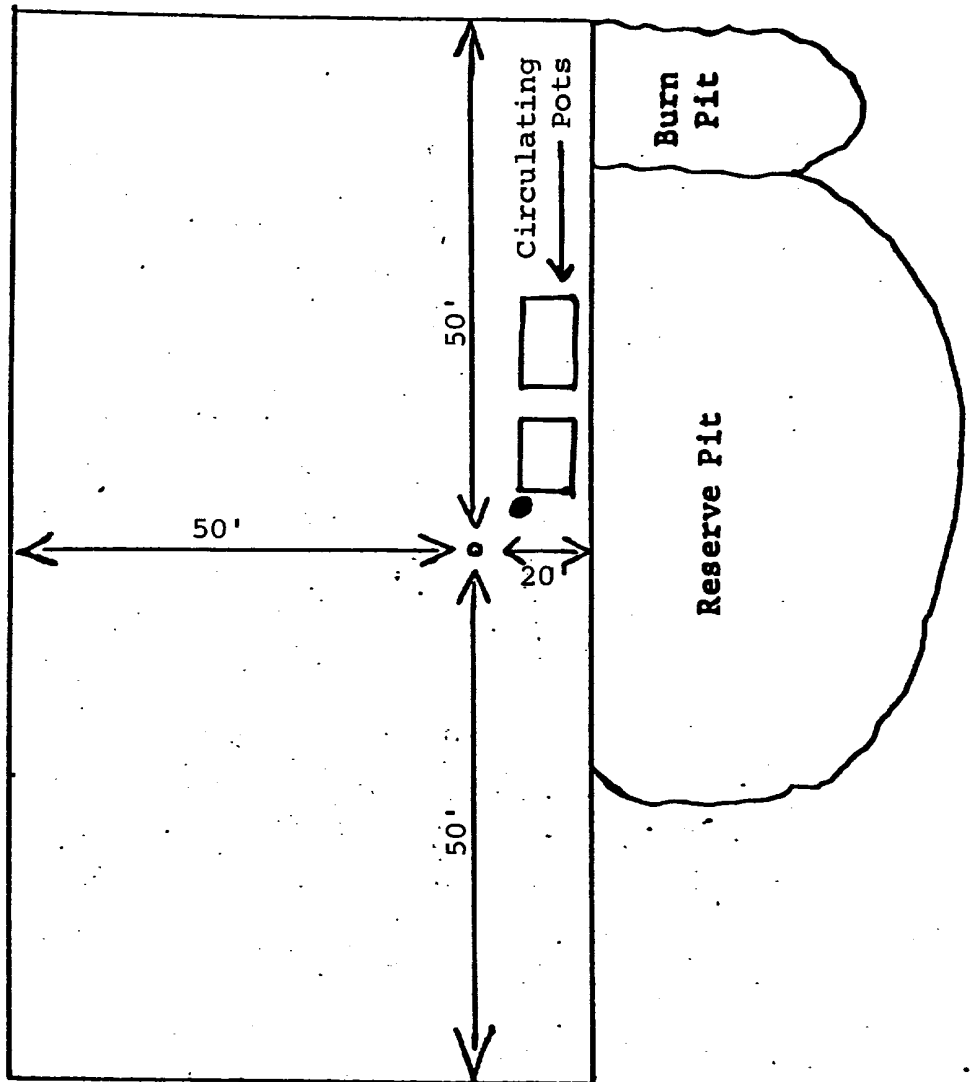
DAMSON OIL COMPANY

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Ewell N. Walsh, P.E., President,  
Walsh Engineering & Production  
Corporation

DAMSON OIL COMPANY  
FEDERAL NO. 1-24  
330' FNL, 1650' FEL, SEC. 24-T15N-R8W  
MC KINLEY COUNTY, N. M.



DAMSON OIL COMPANY  
FEDERAL NO. 1-24  
330'FNL, 1650'FEL, SEC. 24-T15N-R8W  
MC KINLEY COUNTY, N. M.

Seven Point Well Control Program

1. Surface Casing.  
See Application for Permit to Drill.
2. Spools and Flanges
  - A. Surface Casing - Series 600, 2000 psi W.P. Screwed
  - B. Production, Series 600, 2000 psi W.P. Screwed
  - C. Tubing Head - Series 600, 2000 psi W.P. Screwed
3. Intermediate Casing.  
None
4. Blowout Preventers  
Production Hole - 8", 2000 psi  
Fill, kill and choke manifold - 5000 psi W.P.
5. Addition Equipment (If necessary)
  - A. Kelly Cock
  - B. Bit Float
  - C. Degasser
  - D. Pit Level Indicator
  - E. Sub with Valve for Drill Pipe.
6. Anticipated Bottom Hole Pressure.  
1200 psi. Current mud program is for 9.2 lb./gal mud with hydrostatic head of 1530 psi at 3675' feet. Mud weight will be increased if necessary for higher pressures.
7. Drilling Fluid.  
Low solids. Low water loss.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-103  
Supersedes C-128  
Effective 1-4-65

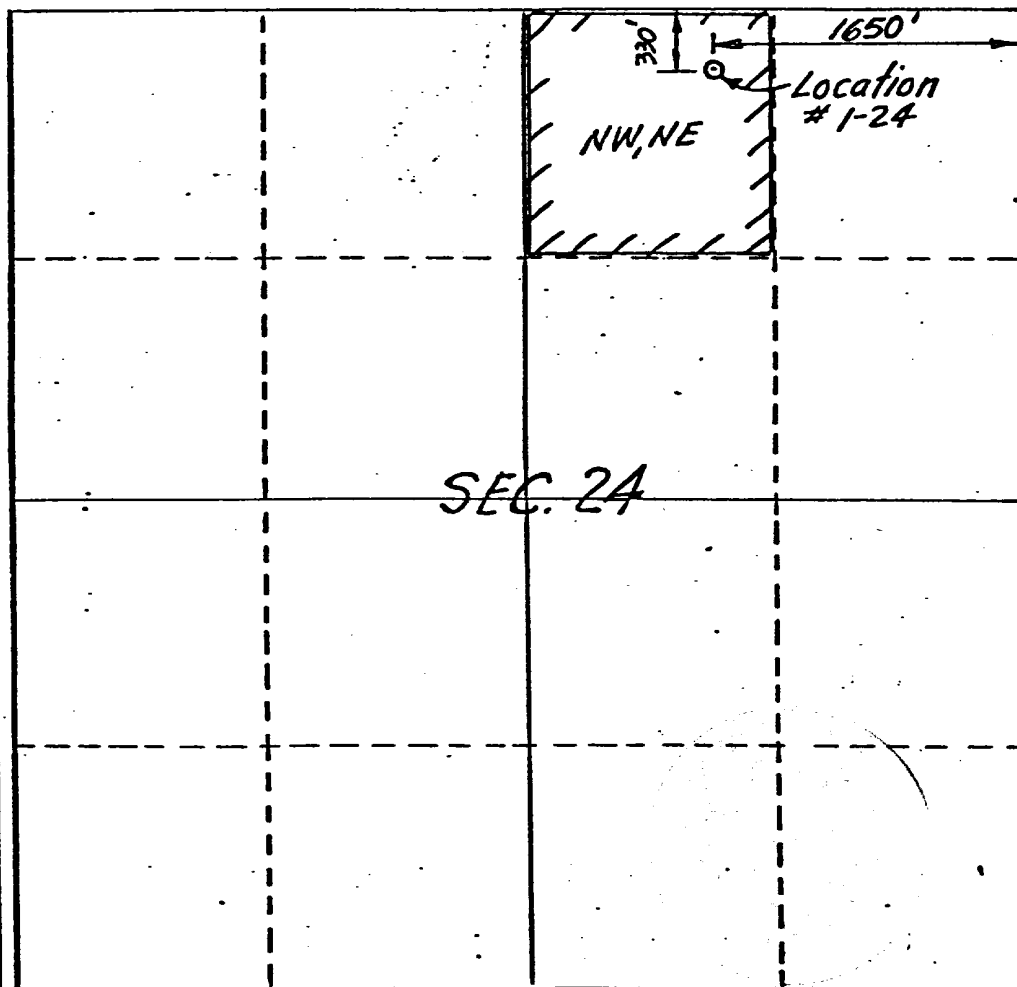
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CERTIFICATION

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

*Ewell N. Walsh*

Name  
**Ewell N. Walsh, P.E.**

Position  
**President**

Company  
**Walsh Engr. & Prod. Corp.**

Date  
**10-14-77**

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.

**Sept. 23, 1977**

Date Surveyed  
*William I. Matotan*  
Registered Professional Engineer  
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