

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-22674

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  
J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR  
P.O. Box 507, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface  
790 FSL and 1830 FWL

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 drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7237 ft. G.L.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH  
2750 ft.

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
160

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
As soon as possible.

23. PROPOSED CASING AND CEMENTING PROGRAM

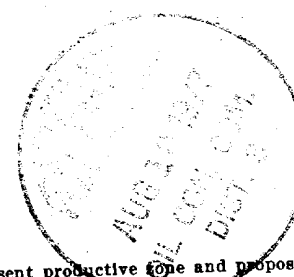
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	20#	80'	75 sax
5"	2-7/8"	6.4#	2750'	250 sax

Will drill 8-3/4" hole to 80 ft. and set 80 ft. of 7", 20# casing with 75 sax cement.

Will drill 5" hole to 2750 ft. to test Pictured Cliffs formation.

Will run 2-7/8", 6.4#, J-55, EUE casing to approximately 2750 ft. with 250 sax cement if appears productive.

Will use a 6"-900 double ram blowout preventer.



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. SIGNED [Signature] TITLE Co-Owner DATE August 8, 1977  
(This space for Federal or State office use)

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

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

\*See Instructions On Reverse Side

RECEIVED

AUG 9 1977

**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.

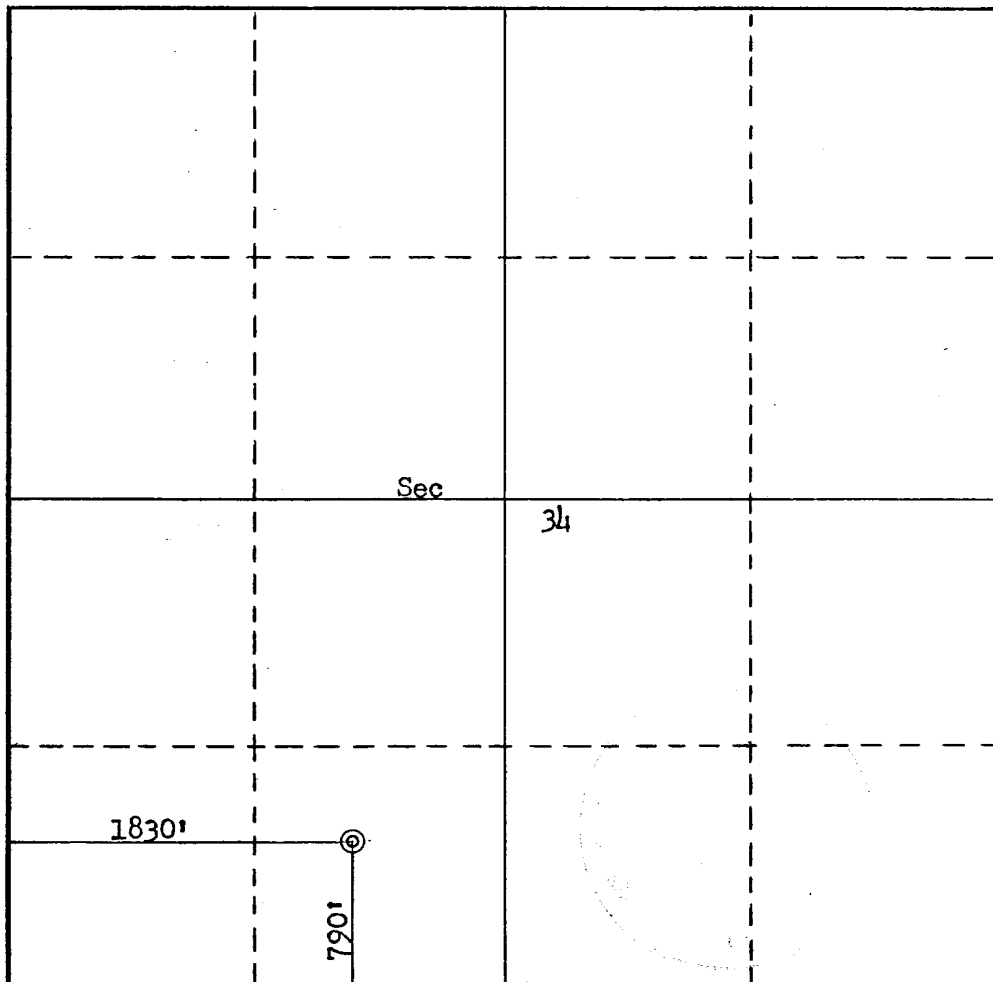
Operator <b>Merrion &amp; Bayless</b>			Lease <b>Crow Mesa</b>		Well No. <b>2</b>
Unit Letter <b>N</b>	Section <b>34</b>	Township <b>25N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>790</b> feet from the <b>South</b> line and		<b>1830</b> feet from the <b>West</b> line			
Ground Level Elev. <b>7237</b>	Producing Formation <b>Picture Cliffs</b>	Pool <b>Ballard Picture Cliffs</b>	Dedicated Acreage: <b>160</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.*

*[Signature]*

Name  
**Robert L. Bayless**

Position  
**Co-Owner**

Company  
**Merrion & Bayless**

Date  
**August 8, 1977**

*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  
**August 5, 1977**

Registered Professional Engineer  
and/or Land Surveyor

*[Signature]*  
**Fred B. Kerr Jr.**

Certificate No.

**3950**


SURFACE USE AND OPERATIONS PLAN

Crow Mesa #2

1. Existing roads -- see accompanying Topo of scaled map.
2. Planned access roads -- presently existing road crosses edge of proposed location -- see map.
3. Location of existing wells -- see accompanying Topo map.
4. Location of tank batteries -- none required.
5. Location of water supply -- Beeco Camp water well.
6. No construction materials needed.
7. Waste disposal -- waste materials will be buried in an earthen pit and covered.
8. No ancillary facilities required.
9. Wellsite layout -- see accompanying layout.
10. Restoration of surface -- surface is flat and will be reseeded upon completion of well.
11. Other information -- surface is flat with small brush and sparse grass.
12. Robert L. Bayless, 205 Petroleum Center Bldg., Farmington, New Mexico (505) 325-5093.
13. 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 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 Merrion & Bayless and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date

8-8-77

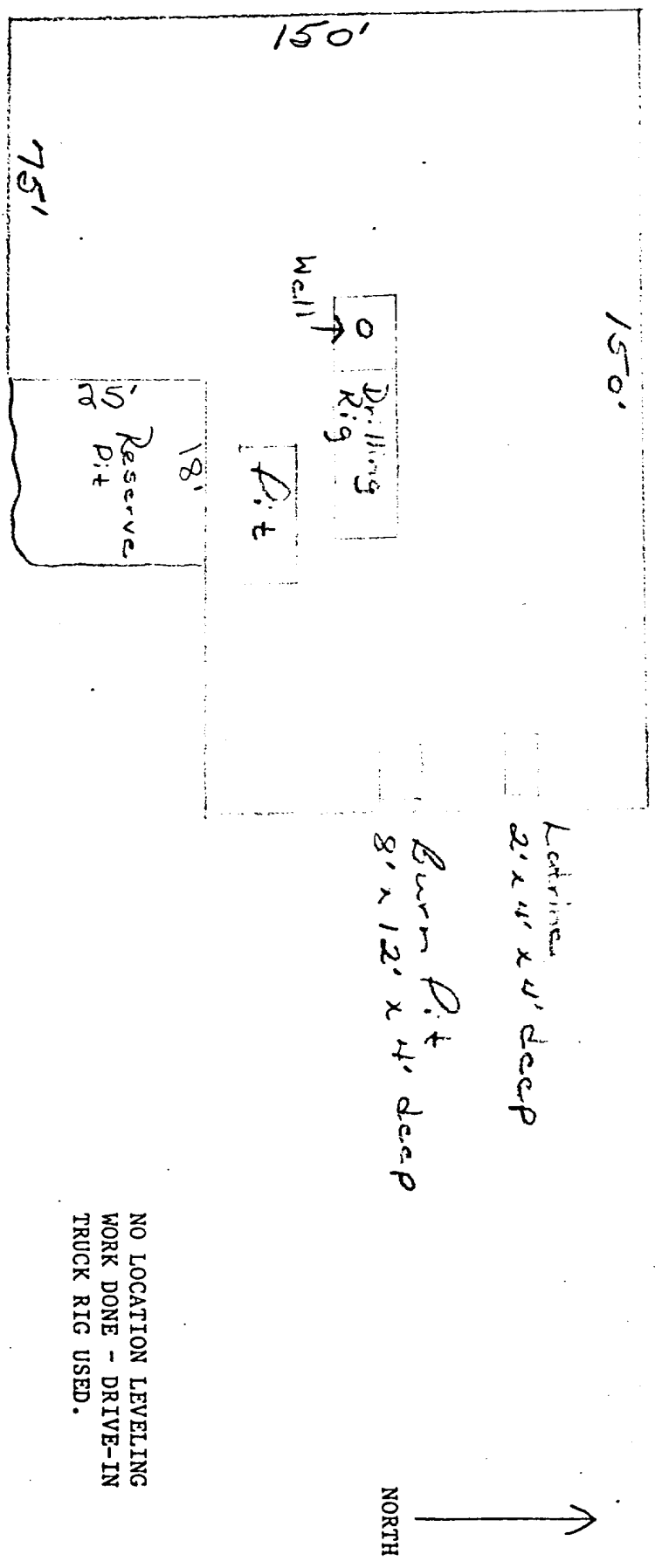
  
ROBERT L. BAYLESS  
Co-Owner

LOCATION AND EQUIPMENT LAY-OUT

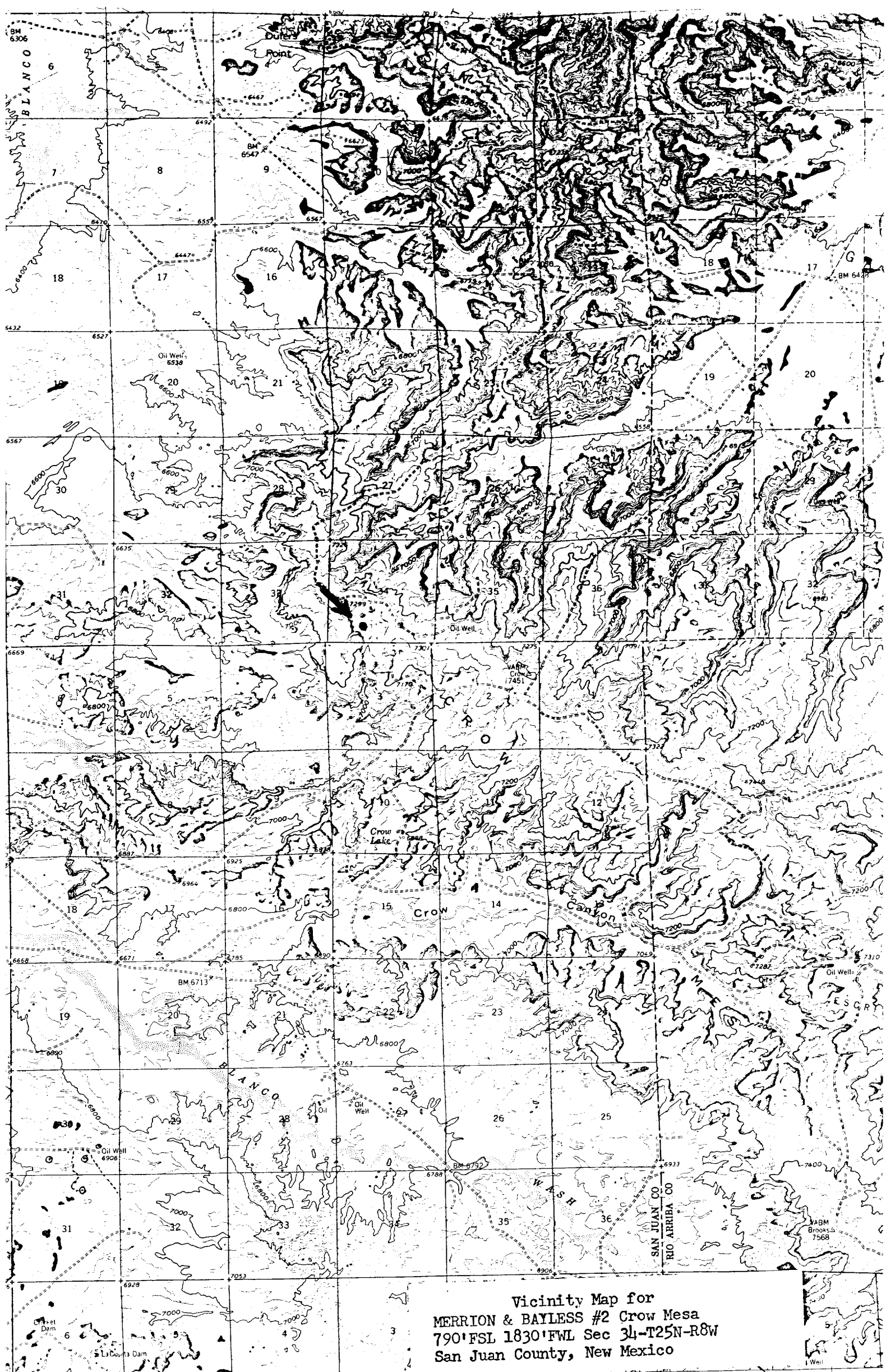
Shallow

MERRION & BAYLESS

Crow Mesa #2  
Section 34, T25N, R8W  
San Juan County, New Mexico



NO LOCATION LEVELING  
WORK DONE - DRIVE-IN  
TRUCK RIG USED.



Vicinity Map for  
MERRION & BAYLESS #2 Crow Mesa  
790' FSL 1830' FWL Sec 34-T25N-R8W  
San Juan County, New Mexico