

BENSON-MONTIN-GREER DRILLING CORP.

221 PETROLEUM CENTER BUILDING
FARMINGTON, NEW MEXICO 87401
PHONE: 325-8874

313 1978

CONVERSION

FMA - 71

February 10, 1978

New Mexico Oil Conservation Commission
Box 2088
Santa Fe, NM 87501

RE: LA PLATA MANCOS UNIT (LPMU):
CONVERSION OF AN ADDITIONAL WELL
TO INJECTION (RESERVOIR - NIOBRARA
MEMBER OF MANCOS FORMATION)

Gentlemen:

Unit operator, Benson-Montin-Greer Drilling Corp. (B-M-G) hereby makes application to convert the LPMU #6 (C-6) located in Unit C of Section 6, T31N R13W to an injection well. The subject well was initially drilled as the Lloyd B. Taylor #1 Walker.

Referring to rule 11 of the pool rules (Order R-3714) we advise as follows:

(1) We enclose a plat showing location of the proposed injection well, all wells within the project area and offset operators. The only offset operator to the project area other than B-M-G is Amoco.

(2) Also enclosed is a schematic drawing of the C-6 showing the casing strings and the interval open to production. Correlation of the productive interval, and showing that it is confined to the Niobrara member of the Mancos shale, with respect to the intervals open to production in the adjoining wells is shown on the cross-section also enclosed.

(3) Copy of this application is being furnished Amoco, the only offset operator to the project area other than B-M-G.

For your further information, we advise that the C-6 will be used for injection of gas, along with the other injection well, the N-31; so we presume that OCC Memo 3-77 of August 24, 1977 does not apply. However we hereby stipulate that our injection pressures at the formation will be less than 7/10 psi per foot of depth from the surface to the top of the injection zone.

BENSON-MONTIN-GREER DRILLING CORP.

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The only other well within one-half mile of this injection well is the other unit injection well, the N-31, information as to which is already in the files of the Commission.

We respectfully request the administrative approval of conversion of the C-6 to injection.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:


Albert R. Greer, President

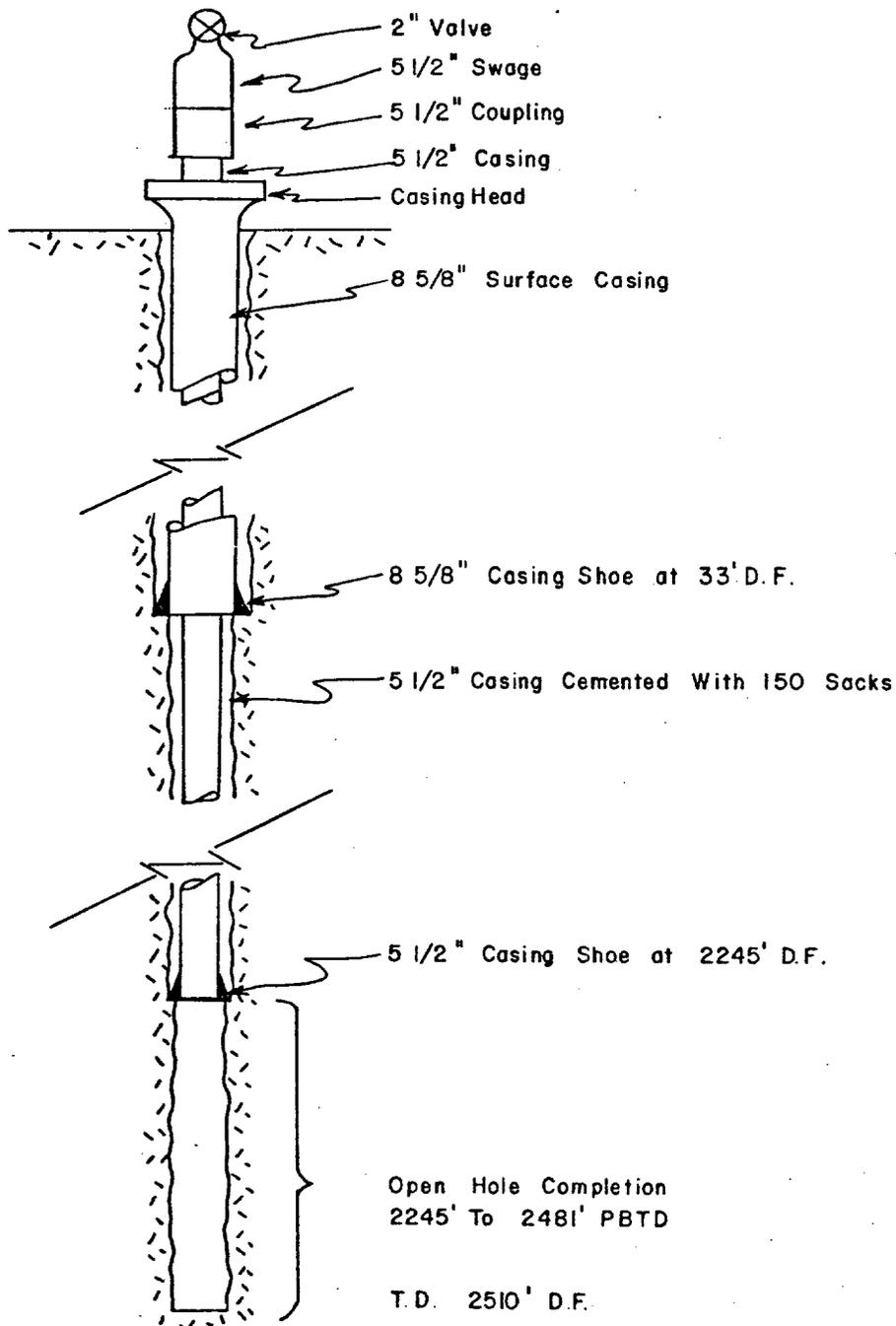
ARG/tlp

Enclosures: 3

BENSON-MONTIN-GREER DRILLING CORP.

L.P.M.U. # 6 (C-6)

PROPOSED GAS INJECTION WELL



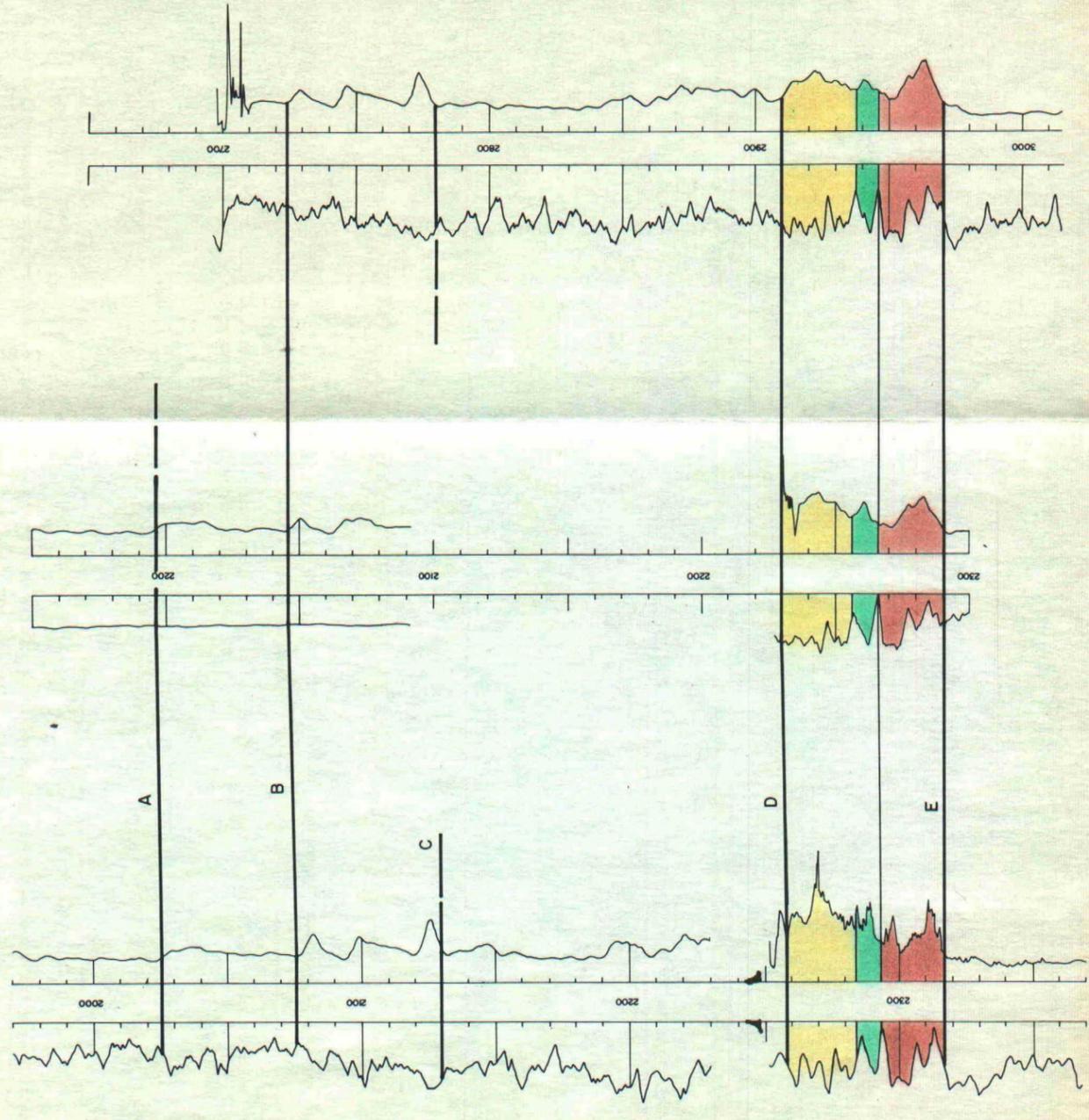
CROSS - SECTION THROUGH
PARTS OF SECTION 6 - T 31 N - R 13 W
TO
SECTION 31 - T 32 N - R 13 W

SHOWING DEVELOPMENT WITHIN THE NIOBRARA MEMBER
OF THE MANCOS SHALE FORMATION
VICINITY OF LA PLATA - GALLUP POOL
SAN JUAN COUNTY, NEW MEXICO

BENSON-MONTIN-GREER DRLG. CORP.
La Plata Mancos No. P-31
SE 1/4 SEC. 31 - 32N-13W
GAMMA RAY-INDUCTION
Elev.-R.K.B. 6075

BENSON-MONTIN-GREER DRLG. CORP.
La Plata Mancos No. N-31
SW 1/4 SEC. 31 - 32N-13W
GAMMA RAY-INDUCTION
Elev.-Ground 6113

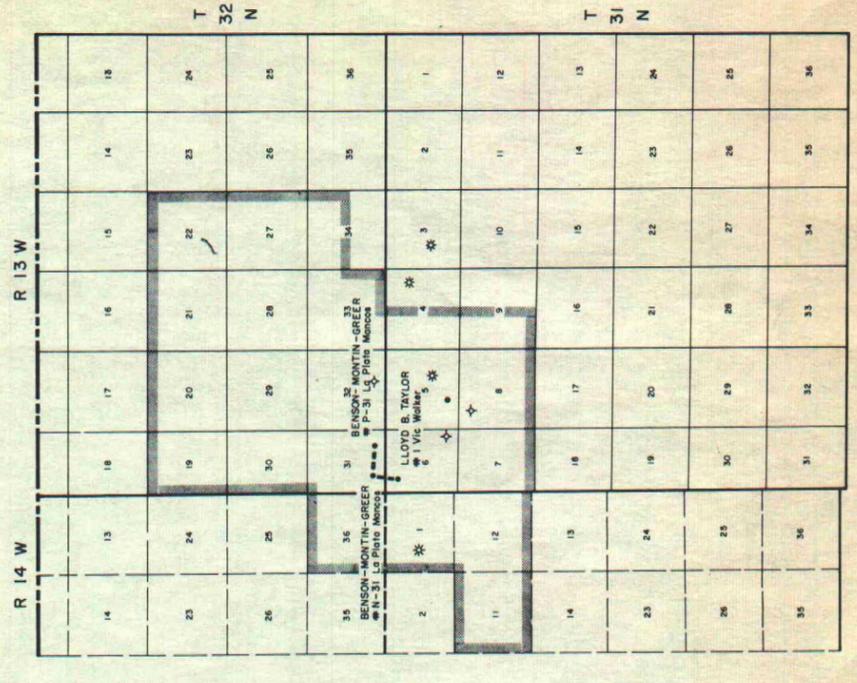
LLOYD B. TAYLOR
Vic Walker No. 1
NW 1/4 SEC. 6 - 31N-13W
GAMMA RAY-INDUCTION
Elev. Ground 6027



LEGEND

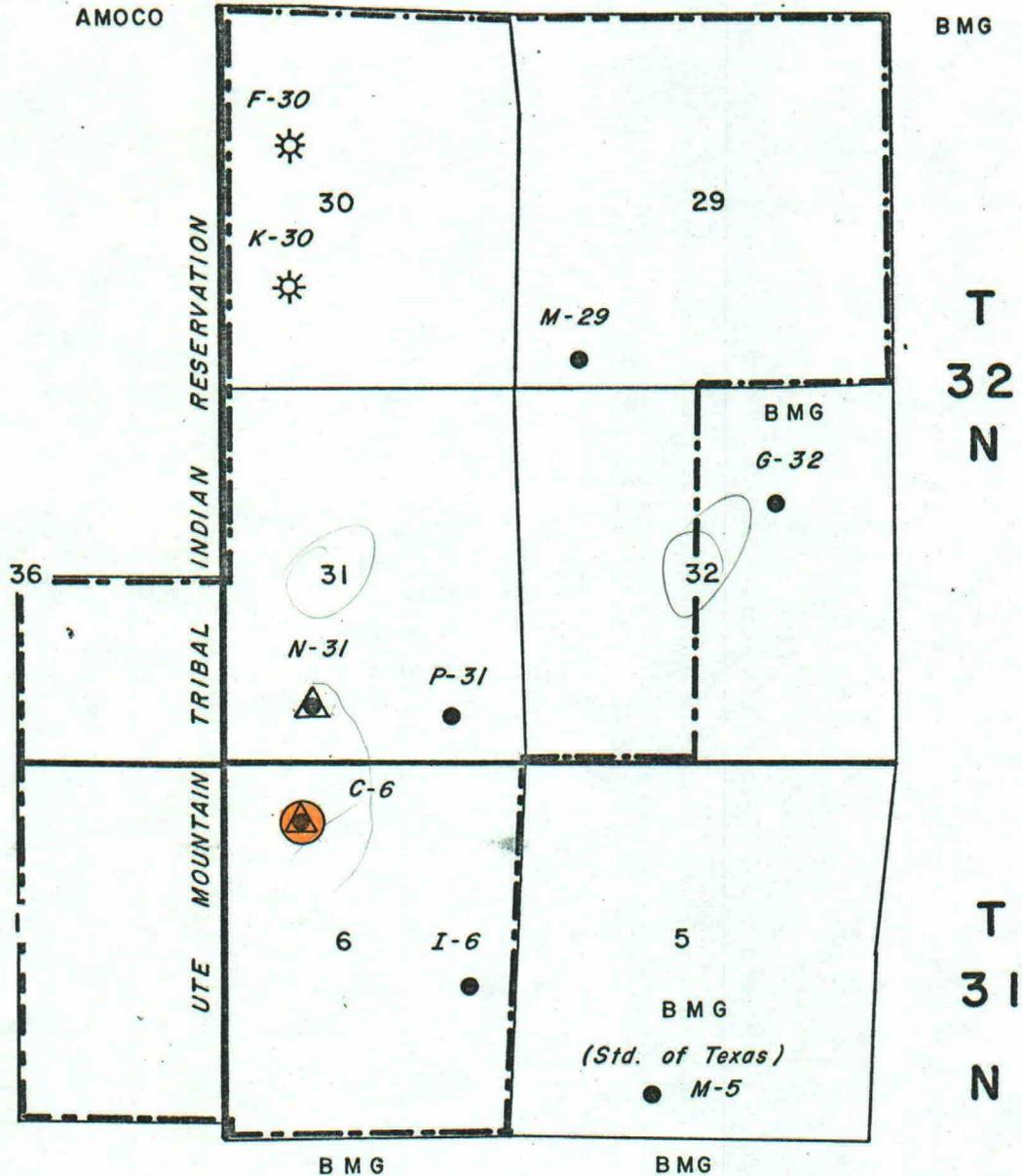
- A, B, C, D, E CORRELATIVE MARKERS OF ELECTRICAL OR RADIOACTIVE WELL LOGS
- BOUNDARY OF PROPOSED UNIT AREA

INDEX MAP SHOWING LOCUS OF CROSS SECTION



R 14 W

R 13 W



T
32
N

T
31
N

LEGEND

- Boundary of La Plata Mancos Unit
- Mancos Formation Oil Well
- Existing Mancos Formation Injection Well
- Proposed Additional Mancos Formation Injection Well
- Dakota Gas Well

PLAT OF
LA PLATA MANCOS UNIT
AREA
San Juan Co., New Mexico

Scale: 2" = 1 Mile
February 10, 1978



Amoco Production Company

Security Life Building
Denver, Colorado 80202

March 3, 1978

Mr. Joe D. Ramey
New Mexico Oil Conservation Commission
P.O. Box 2088
Sante Fe, New Mexico 87501

File: RAS-287-986.511

Conversion of La Plata Mancos Unit
Well No. 6 to Gas Injection
San Juan County, New Mexico

Please refer to Benson-Montin-Greer Drilling Corporation's application on the captioned matter dated February 10, 1978.

Amoco, an affected offset operator, has no objection to Benson-Montin-Greer's plan to convert La Plata Mancos Unit, Well No. 6, to inject gas into the Niobrara section of the Mancos formation in the La Plata Mancos Unit.

RBG/slf

CC:
Benson-Montin-Greer Drilling Corporation
221 Petroleum Center Building
Farmington, New Mexico 87401

OIL CONSERVATION COMMISSION
Cytex DISTRICT

315

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 3-21-78

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gas injection well

Carl Ulvog

Gentlemen:

I have examined the application dated _____
for the Benson-Montin-Greer C-6 3/4 N, 13 W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows: La Plata Mancos Unit #6

Top of cement on long string @ 1100'. No
tubing in well; therefore no tubing -
casing annulus.

If this does not meet current policy - Do Not Approve.

Yours very truly,

AR Kendrick