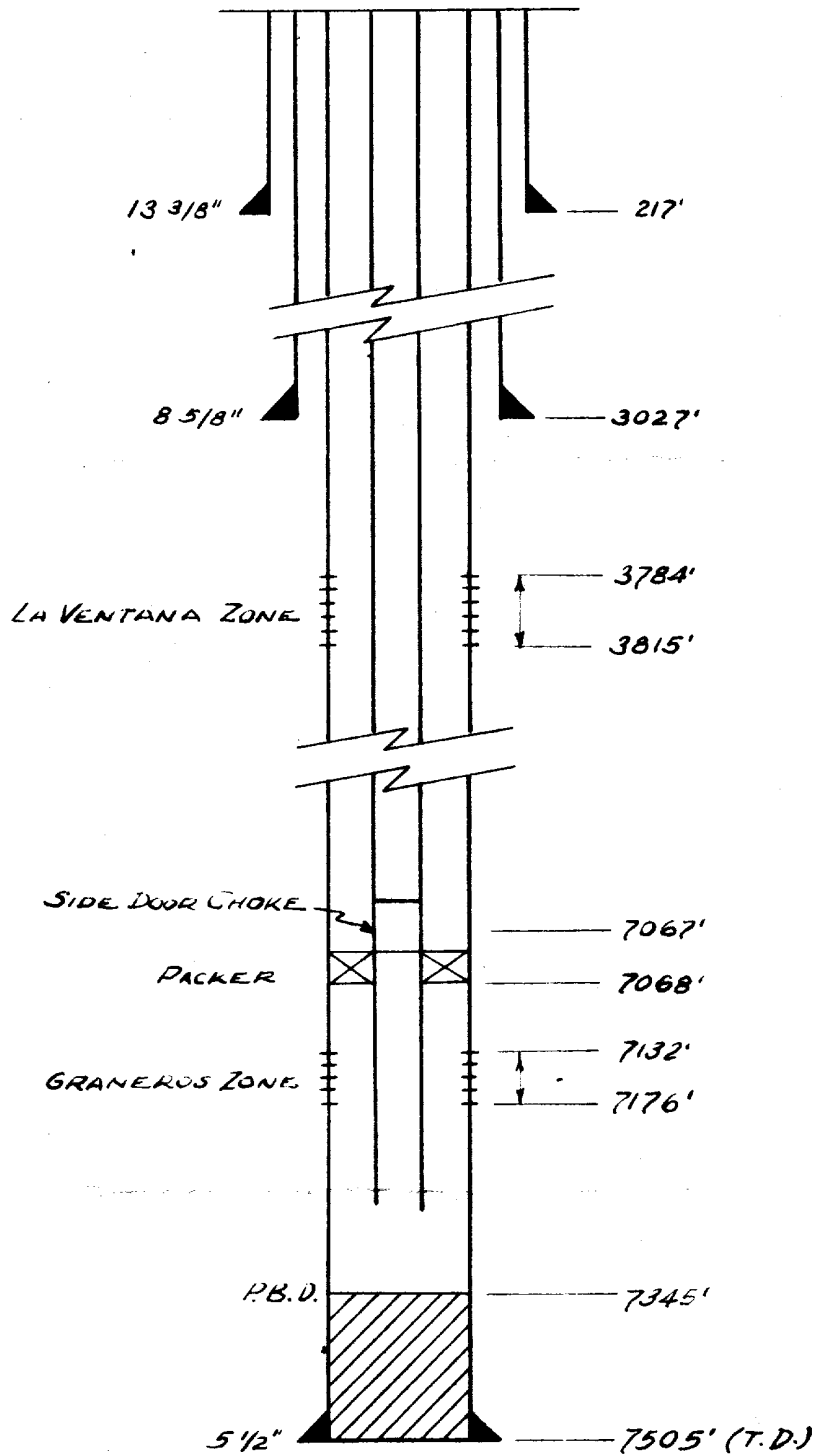




AMERADA PETROLEUM CORPORATION

Proposed Dual Completion

J. Apache "A" No. 3

Sec. 23, T-25-N, R-5-W

Exhibit "B"

- (D) That the granting of this application to produce this well as a dual completion with gas from the La Ventana and gas from the Graneros is in the interest of conservation and the protection of correlative rights.
- (E) That the applicant will comply with all the rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.
- (F) That the manner and method of this dual completion is mechanically feasible and practical.
- (G) That by copy of this letter of application by registered mail all offset operators are notified of this dual completion.

Therefore, Amerada Petroleum Corporation requests that the Oil Conservation Commission grant permission to produce the subject well as a dual completion as proposed in the application.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

By D.C. Capps
D. C. Capps
District Superintendent

DCC/WGA/lz

STATE OF NEW MEXICO
COUNTY OF Lea

Before me, the undersigned authority, on this day personally appeared D.C. Capps, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that the same is a true and correct statement of the facts therein recited.

Subscribed and sworn to before me on this the 16th day of January, 1956.

Commission Expires: August 23, 1959

D.C. Capps
[Signature]
Notary Public in and for
Lea County, New Mexico

cc: Shelly Oil Co.
Box 38
Hobbs, New Mexico

Stanolind Oil & Gas Co.
Box 899
Roswell, New Mexico

United States Geological Survey
Box 965 - Farmington, New Mexico

CORE DESCRIPTION: CORE #1 from 2903' to 2963'. Cut 60', rec. 58.5'.
Average coring time 12.5 MPF

2903'-2908' Coal
2908'-2915' Sand; Shaley fine grain no perm. slight gas odor
2915'-2922' Sand; Shaley med. grain salt & pepper no visible perm, slight gas odor
2922'-2924' Sand; Shaley fine grain very hard and tight shale lamina-
tions no perm no show.
2924'-2932' Sand; Shaley fine grain salt & pepper tight no perm no show
2932'-2943' Sand; Shaley fine grain hard & tight no perm. no show
2943'-2960.5' Sand; Shaley fine grain salt & pepper no visible per no show
Top of Pictured Cliff at 2908'.

CORE DESCRIPTION: CORE #2 from 7093' to 7147'. Cut 54', rec. 54'
Coring time: 7093'-7132' - Averaged 40 min. per ft.
7132'-7147' - Averaged 15 min. per ft.

7093'-7133' Shale, dark, (Top Graneros 7133')
7133'-7137' Sandstone, brownes gray, coarse grain, very hard & tight,
no por. or perm. bleeding oil in parts. Spotty fluor.
Good vertical fractures, strong gas and distillate odor.
7137'-7147' Shale, dark, silty and sandy

CORE DESCRIPTION: CORE #3 from 7147' to 7155'. Cut 8', rec. 8'
Average coring time 24 min. per foot

7147.5'-7152.5' Shale, Black Carbonaceous, numerous thin sand inclusions, no
stain odor or taste, no fluor.
7152.5'-7153.5' Sand Stone, fine grain hard, quartzitic, tight no shew except
along vertical fracture which extended the full 1', spotted fluor.
with light odor along fracture, no fluor. on break thru rest of
sand.
7153.5-7155' Shale, dark grey silty, silty sand inclusions no stain, fluor.
odor or taste.

CORE DESCRIPTION: CORE #4 from 7158' to 7181'. Cut 23' and rec. 20'

7158'-7164' Shale, dark brown, hard sandy, faint fluor. in part top 2"
sandstone fine grain, clean hard, poor perm. por. fluor. and
odor.
7164'-7166' Shale as above, slightly sandier, spotty fluor. faint odor
7166'-7167.5' Sandstone, fine grain, very hard and tight, no perm or
porosity, pinpoint fluor.
7167.5-7170' Sandstone, dark brown shaley from 68' to 69' sandstone fine
grain, hard and tight, no perm or porosity. Some pyrite
inclusions spotty fluor.
7170'-7171' Sandstone, fine grain, hard & tight, no perm. or por. vertical
fractures w/fluor. Shaley toward bottom. Faint fluor at bottom.
7171'-7173' Peddle conglomerate, dark brown, hard & tight, Sandstone
matrix, no perm or por. Fossiliferous, had odor & fluor
7173'-7175' Sandstone dark brown to black, coarse grained, conglomertic
coal matrix in parts, hard fossiliferous zones w/good perm,
spotty fluor, and odor.
7175'-7178' Shale, dark carbonerous
7178'-7181' No recovery

DRILL STEM TEST #1

7105'-7184'

Open tool with strong blow of air. Gas to surface in 12 minutes. Gas Volume 732,000 cu. ft. per day. Recovered 1,000 feet water blanket, 8 barrels distillate, 12 barrels mud. APC Hydro: In 3720', out 3525', IFP: 545, FFP: 1040, 1/4 hr. build up 2965'.

DRILL STEM TEST #2

7275'-7359'

Open tool with good blow of air. Gas to surface in 50 minutes. Gas Volume 4,125 CFPD. Increased to 8,433 CFPD and decreased to 6,848 CFPD by end of test. Recovered 120' gas cut mud and 7239' of gas in DP. APC Hydro: In 3875', out 3670', IFP-0; FFP-0; and 1/4 hr. build up 560'.

DRILL STEM TEST #3

7368'-7505'

Open tool with strong blow of air. Gas to surface in 5 minutes. Gas Volume 38,000 CFPD at start increasing to 90,080 CFPD and decreasing to 33,000 CFPD by end of test. Recovered 210' water blanket, 334' gas cut mud, and 206' fresh water 15% mud cut. APC Hydro: In 4070', out 3960'; IFP-110; FFP-295 and 1/2 hr. build up 2440'.

[illegible]

DEPT. OF THE ARMY

10-11-1954
The above information was obtained from the files of the
Federal Bureau of Investigation, Washington, D. C.
and is being furnished to you for your information.
Very truly yours,
Special Agent in Charge

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[illegible]

3. *Explain the importance of the following:*