FORM 90 4-48 FORM 5

PAN AMERICAN PETROLEUM CORPORATION

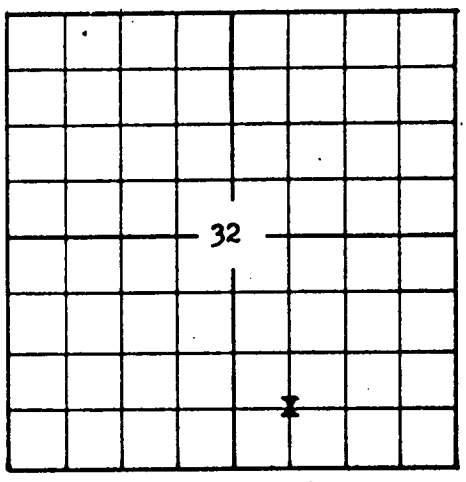
[redacted]

WELL RECORD

AUG 2 1957

15

☐ SUPPLEMENTAL
(ENTER "X" WHEN APPLICABLE)



LOCATE WELL CORRECTLY

LEASE P. C. Ostgren WELL NO. 12

LOCATION OF WELL: 658 FT. ☒ NORTH ☐ SOUTH OF THE ☐ NORTH ☒ SOUTH LINE AND 2014 FT.

☐ EAST ☒ WEST OF THE ☒ EAST ☐ WEST LINE OF THE ____ ¼ ____ ¼ SE ¼

OF SECTION 32 TOWNSHIP 17 ☒ NORTH ☐ SOUTH, RANGE 54 ☐ EAST ☒ WEST.

Banner COUNTY Nebraska STATE

ELEVATION 4815

COMPLETED AS: ☒ OIL WELL ☐ GAS WELL ☐ WATER WELL ☐ DRY HOLE

DRILLING: COMMENCED 5-20- 1957 COMPLETED 6-25- 1957

OPERATING COMPANY Pan American Petroleum Corporation ADDRESS P. O. Box 458, Brush, Colorado

OIL OR GAS SANDS OR ZONES

	NAME	FROM	TO		NAME	FROM	TO
1	Upper Muddy	5914	5939	4			
2	Muddy	6055	6069	5			
3				6			

WATER SANDS

	NAME	FROM	TO	WATER LEVEL		NAME	FROM	TO	WATER LEVEL
1					3				
2					4				

CASING RECORD (OVERALL MEASUREMENT)

DESCRIPTION: CSG. SIZE	WEIGHT	THREADS	MAKE - GRADE	QUANTITY FEET
8-5/8	29.35	8V	L.P.	383
5½	14	8RT	J-55	6124

LINER-SCREEN RECORD

SIZE	QUANTITY FEET	SET AT TOP	SET AT BOTTOM	MAKE AND TYPE

PACKER RECORD

SIZE	LENGTH	SET AT	MAKE AND TYPE

CEMENTING RECORD

SIZE	WHERE SET FEET	CEMENT SACKS	CEMENT BRAND	CEMENT TYPE	METHOD	FINAL PRESS.
8-5/8	396	375	Ideal	Reg w/ 1½% Chloride	circ	400
5½	6134	150	Ideal	Reg w/ 4% gel	2 plug	1000

MUDDING RECORD (CABLE TOOLS)

METHOD	RESULTS

WHAT METHOD WAS USED TO PROTECT SANDS WHEN OUTER STRINGS WERE PULLED? ____

WERE BOTTOM HOLE PLUGS USED? ____

IF SO, STATE KIND, DEPTH SET, AND RESULTS OBTAINED ____

ROTARY TOOLS WERE USED FROM 0 FEET TO 6140 FEET, AND FROM ____ FEET TO ____ FEET

CABLE TOOLS WERE USED FROM ____ FEET TO ____ FEET, AND FROM ____ FEET TO ____ FEET

24-HOUR PRODUCTION OR POTENTIAL TEST Pump 24 hr test 118 BO 35% Water

WATER ____ BBLS.

IF GAS WELL, CUBIC FEET PER 24 HOURS ____ SHUT-IN PRESSURE ____ LBS. PER SQUARE IN.

I, THE UNDERSIGNED, BEING FIRST DULY SWORN UPON OATH, STATE THAT THIS WELL RECORD IS TRUE AND CORRECT ACCORDING TO THE RECORDS OF THIS OFFICE AND TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. G. Wilson Field Superintendent
NAME AND TITLE

SUBSCRIBED AND SWORN TO BEFORE ME THIS 1 DAY OF August 1957

MY COMMISSION EXPIRES 9-19-59

NOTARY PUBLIC

FORMATION RECORD

DESCRIBE EACH FORMATION DRILLED. INDICATE THICKNESS, CONTENT AND WHETHER DRY, OR OIL, GAS OR WATER BEARING.

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
Core No. 1	6028	6058	Rec.29', 27' shale, 1' reworked sand and shale, 1' sand, fine grained, good perm. x por., vert frac, good stain, odor & fluor.		
Core No. 2	6058	6073	Rec. 14½', 8' sand fine grained, good por. x perm, good stain and fluor. Top 3' vert frac and many shale streaks, 2' sand, fine grained, fair por x perm., spotty stain and fluor, many thin shale streaks. 2½' shaly sand spotty stain, poor fluor, looks wet. 2' heavily reworked sand and shale.		
ELECTRIC LOG TOPS:					
Upper Muddy	5914				
Muddy	6054				
Perforated	6055	6067	W/4 jets per foot.		
Sand Oil Hydrafrac			W/11,000 gals. gelled crude and 10,000# sand w/1100 lbs Adomite and 20 rubber covered nylon balls half way thru job.		