

EXHIBIT
PAN AMERICAN PETROLEUM CORPORATION
APPLICATION FOR PERMISSION TO TRIPLE
COMPLETE ITS SOUTHLAND ROYALTY "A" NO. 4
UNIT "X", SECTION 4, T-21-S, R-37-E
LEA COUNTY, NEW MEXICO, IN THE DRINKARD
(OIL), TUBB (GAS), AND BLINEBRY (OIL)
POOLS OF LEA COUNTY, NEW MEXICO

CASE 2823
May 22, 1963

DISCUSSION

Pan American Petroleum Corporation respectfully requests that the New Mexico Oil Conservation Commission grant permission to triple complete its Southland Royalty 'A' No. 4, an existing dual well in the Drinkard (oil) and Tubb (gas) Pools with the Blinebry (oil) Pool of Lea County, New Mexico.

The Southland Royalty 'A' No. 4 is located ~~4620 feet from the north line and 660 feet from the east line~~, Section 4, T-21-S, R-37-E, which is approximately 4 miles north of Eunice, New Mexico. *in Unit 'X'*

This well is located in a multipay area as shown by Attachment I, a plat of the area. The west offset is Pan American Petroleum Corporation's Southland Royalty 'A' No. 8, a triple completion in the Blinebry (oil), Tubb (oil), and Drinkard (oil) zones. The southwest offset is Pan American Petroleum Corporation's Southland Royalty 'A' No. 2, a triple completion in Blinebry (oil), Tubb (gas), and Drinkard (oil) zones. The triple completions of Southland Royalty 'A' Nos. 2 and 8 were recently approved by the New Mexico Oil Conservation Commission Order Nos. R-2343 and R-2465, respectively. Blinebry gas for the subject well is presently dedicated to Pan American's Southland Royalty 'A' No. 5, the north offset. The present 80-acre Blinebry (gas) proration unit assigned to Well No. 'A'-5 will be reduced by 40 acres if permission is granted to triplely complete the subject well in the Blinebry (oil) zone.

Attachment II is a diagramatic sketch showing the mechanical aspects of the proposed triple completion. This is a conventional triple completion utilizing dual tubing strings to produce the Blinebry and Drinkard oil zones, and utilizing the production casing - dual tubing string annulus to produce the Tubb gas. Packers will be used to maintain separation in the well bore. This installation will permit safe and efficient production for the three reservoirs.

Attachment III is an Electrical Log of the Southland Royalty 'A' No. 4 with the top and bottom of the producing zones and the perforated intervals shown in red.

Attachment IV is a copy of Pan American Petroleum Corporation's application for multiple completion of the Southland Royalty 'A' No. 4. A copy of this application was furnished each offset operator.

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
<i>Applicant's</i>	EXHIBIT NO. <u>1</u>
CASE NO. <u>2823</u>	

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF NEW MEXICO)
County of Lea) ss

Dewey E. Taylor, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by Amoco Production Company in the capacity of Field Foreman and as such is its authorized agent.

That on May 21, 1975, he personally supervised the setting of a Guiberson KVL-30 in Amoco Production Company's
(Make and Type of Packer) (Operator)

Southland Royalty "A" Well No. 4, located in Unit
(lease)
Letter X, Section 4, Township 21-S, Range 37-E, NMPM,
Lea County, New Mexico.

That said packer was set at a subsurface depth of 6423' feet, said depth measurement having been furnished by Dewey E. Taylor.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

Amoco Production Company
(Company)

Dewey E. Taylor
(its Agent)

Subscribed and sworn to before me this the 27th day of June, AD, 1975.

P.W. Samuel
Notary Public in and for the County of ANDREWS, TEXAS.

My Commission Expires JUNE 1, 1977.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY LEA FIELD OF LOCATION N. DRINKARD WELL SOUTHLAND ROYALTY COMPANY OIL COMPANY	COMPANY	STANCLIND GAS & OIL COMPANY	Location	660' f
	WELL	SOUTHLAND ROYALTY	Sec.	4-
	FIELD	N. DRINKARD		
	LOCATION	SEC. 4-21S-37E	ES-GK	
	COUNTY	LEA	Elevation:	
STATE	NEW MEXICO	or		FILING N

RUN No.	1			
Date	11-13-51			
First Reading	6747			
Last Reading	2902			
Feet Measured	3845			
Csg. Schlum.	2902			
Csg. Driller	2903			
Depth Reached	6750			
Bottom Driller	6750			
Depth Datum	KB 12.50 abv. GI			
Mud Nat.	Gel-Caustic Obr.			
" Density	9.2			
" Viscosity	35			
" Resist.	65 @ 62 °F	@ °F	@ °F	@ °F
" Res. BHT	33 @ 30 °F	@ °F	@ °F	@ °F
" pH	1.0 @ °F	@ °F	@ °F	@ °F
" Wtr. Loss	6.8 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	130			
Bit Size	7 3/4 - 6610 - 4 3/4 - TD			
Spcgs.—AM	10"			
AO	32"			
AO	19"			
Opn. Rig Time	10 Hrs.			
Truck No.	504-Hobbs			
Recorded By	YOUNG			
Witness By				