



Gary-Williams Oil Producer

115 Inverness Drive East • Englewood, Colorado 80112-5116 • (303) 799-3800

March 19, 1986

State of New Mexico
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Case 8877

ATTN: Mr. Ernie Bush

RE: Discovery Allowable
San Isidro 26-7, Menefee Zone

Dear Ernie:

Enclosed for your information are 2 copies of the following:

1. Map 1000'-1" with all producing wells, dry holes, and lease holders within 2 miles of the discovery.
2. Oil analysis from a swab run. This sample was taken continuously throughout the swab run.
3. Copies of run tickets indicating high gravity crude.
4. Logs required by Rule 509 of State regulations.
5. Summary sheet of production, fluid levels, casing pressures, spm and calculated bottom hole pressure.

An oil gradient of .358 was used to calculate the bottom hole pressures.

Cross sections were not prepared since the closest Menefee production is 5-6 miles away and production is associated with up to 90% water which is typical of other Menefee producers in the area.

The total absence of water associated with high gravity crude appears to be previously non-existent for the Menefee and, hence, is a bona-fide discovery.

We certainly appreciate your cooperation and respectfully request the map showing all wells and lease holders within 2 miles of the discovery be held confidential in order to allow GWOP to obtain essential acreage shown on the map as unleased.

Sincerely,

GARY-WILLIAMS OIL PRODUCER, INC.

Ray Hager
Operations Superintendent

RH:ks

cc: Oil Conservation Division, Santa Fe (1 copy)

SAN ISIDRO 26-7

<u>Date</u>	<u>Production</u>	<u>Casing psi</u>	<u>Fluid Level</u>	<u>Calculated BHP to 2272' (Top Perf)</u>	<u>spm</u>	<u>Remarks</u>
2-11	8.00	0				Swabbing
2-12	63.00	0	600*	604*		"
2-13	37.50	0	600*	604*		"
2-14	50.17	0				"
2-15	80.50	0	2123	71		"
2-16	94.50	0	1960	128		"
2-17	0	0				SI, waiting on
2-18	0	0				test allowable
2-19	0	0				
2-20	60.67	0			6	Pumping 6 spm
2-21	119.00	0	1860	163	8	
2-22	95.67	0	1764	197	6	
2-23	88.67	0	1666	231	6	Incr to 7 spm
2-24	117.34	0	1012	459	7	
2-25	108.34	0	1731	208	7	
2-26	108.16	0			7	
2-27	80.00	0			7	
2-28	95.00	0	1927	139	7	
3-1	95.00	0	1862	162	7	
3-2	93.33	0	1862	162	7	
3-3	51.67	0	1796	185	7	
3-4	85.00	0	1992	117	7	
3-5	100.00	0	2025	105	7	
3-6	88.34	0			7	
3-7	90.00	0			7	
3-8	86.67	0			7	
3-9	95.00	0			7	
3-10	100.00	0	1927	139	7	
3-11	88.33	0			7	
3-12	98.33	0			7	Slowed to 6 spm.
3-13	85.00	0	2058	94	6	
3-14	88.33	0	2156	59	6	
3-15	83.33	0	1992	117	6	
3-16	78.33	0			6	
3-17	73.33	0			6	

Cumulative 2,691.51

Total for 26 days on pump = 2,357.84 or 90.68 bopd average

* after overnight SI

Called in by Ernie Nuser
3/25/86

April 16, 1986

Nomenclature Case

Create San Isidro-Mesaverde
Pool

SW/4 NE/4 Section 26
T 20N - R3W

Discovery Well:

Gary-Williams Oil Producer,
Inc.

San Isidro 26 #17
1900/N + 2250/E
26-20N-3W

Sandoval County

Discovery allowable -
11,360 barrels



115 Inverness Drive East
Englewood, Colorado 80112
(303) 799-3800

1278

LEASE RUN TICKET

Purchaser: GARY ENERGY CORP. Shipper: GARY ENERGY CORP.
Commodity: CRUDE OIL PETROLEUM - FLAMMABLE LIQUID

DATE: 2-24-86

PUMPER		TAKEN BY			
TIME	M S AN ISIDRO 26-7		300900		
DATE	GARY WILLIAMS OILPROD		182		
MUST BE PULLED BY		PIC PUERCO MANCOS			
		FED			
		SW NE SEC 26 T20N R3W			
		SANDOVAL CO. N.M.			
		ZONE 67			
OPERATOR TANK # 3907		GARY TANK # PL		41.0	
TRUE GRAVITY		OBSERVED GRAVITY		54	
DESTINATION: <i>Sanford</i>		OBSERVED TEMP			
WELL WAS		ON - OFF		0 = ON 1 = OFF	
GAUGE FEET IN.		TEMP. OF OIL IN TANK		BARRELS @ 60°	
		DEG'S FACTOR		TEMP	
OPEN 14 1/2				OPEN	
CLOSE 2 10/16				CLOSE	
DIFFERENCE					
PERCENT B.S. & W.				BSW	
				1.5	
NET BARRELS RECEIVED					
BOTTOM SEDIMENT (IN)		RUNS VIA TRUCK MARKER			
TRUCK CAPACITY 4400 GAL.		TRUCK # 7781			
TRAILER CAPACITY 5200 GAL.		TRAILER # 1706			
		GROSS GALLONS HAULED		(231.10)	
TIME ON	GAUGER- DRIVER	SEAL # OFF			
am/pm	<i>11 W</i>	<i>3018</i>			
TIME OFF	OPERATOR WITNESS	SEAL # ON			
am/pm		<i>19362</i>			
DATE	REFINERY TICKET #		7353		
<i>2/24</i>					

THIS TICKET COVERS ALL CLAIMS FOR ALLOWANCE. THE OIL REPRESENTED BY THIS TICKET WAS RECEIVED AND RUN AS THE PROPERTY OF — 417533



Home Office 707 N. Leech, P.O. Box 1499 / Hobbs, NM 88240 / Ph. 505/393-7751, TWX 910/986-0010
February 18, 1986

Gary Williams Oil Producers
Box 396
Cuba, NM 87013

Case 8877

Attention: Chuck Emmerson

Dear Mr. Emmerson:

On February 17, 1986, an oil sample was submitted to our laboratory for the following analyses:

<u>LOCATION</u>	<u>GRINDOUT</u>	<u>COMPLETE OIL RESULTS</u>
Chuiquilla 26 #7 Swab Run #3 (Time 4:50 p.m.)	99.9% Oil 0.1% Solids	84°F Cloud Point 5°F Pour Point 0.94% Paraffin 158°F Melting Point of Paraffin

If you have any questions or require further information, please contact us.

Sincerely,

A handwritten signature in cursive script that reads 'Elizabeth Wesley'.

Elizabeth Wesley
Senior Lab Technician

EW/kn

cc: Mike Jones
Doyle Roberts
Jerry Golson
Cy Foster