

MANCOSA-DAKOTA WELL DATA
Gavilan Area
Rio Arriba County, New Mexico

Well Name	Location ^D U-S-T-R	Sequence Drilled	KB Elev.	Spud Date	CASING		Completion Date	MANCOSA ZONE		DAKOTA ZONE	
					Surface	Production		Perfs	BOPD @ GOR	Perfs	BOPD @ GOR
Jerome P. McHugh											
Janet #1	A 27-25N-2W	2	7253	11-16-82	9-5/8 @ 211'	4-1/2 @ 7958'	2-17-83	6689-7000	73 @ 2753	7740-7869	43 @ 1047
Janet #2	I 21-25N-2W	3	7197	3-31-83	8-5/8 @ 205	4-1/2 @ 8057	9-1-83	6657-7055	60 @ 3000	7841-7994	36 @ 1111
E.T. #1	C 28-25N-2W	4	7170	4-25-83	9-5/8 @ 220	4-1/2 @ 8081	9-19-83	6643-7025	96 @ 5219	7747-8033	18 @ 1833
Wright Way #1	C 2-24N-2W	6	7329	5-24-83	9-5/8 @ 245	4-1/2 @ 8182	9-29-83	6760-7072	51 @ 6000	7865-8141	27 @ 2000
Mother Lode #1	H 3-24N-2W	7	7333	6-13-83	9-5/8 @ 224	4-1/2 @ 8248	9-2-83	6765-7070	63 @ 5190	7861-8108	15 @ 2200
Native Son #2	N 27-25N-2W	10	7329	10-8-83	9-5/8 @ 224	4-1/2 @ 8133	11-18-83	6802-7485	233 @ 1882	7886-7977	58 @ 3824
Northwest Exploration											
Gavilan #1	A 26-25N-2W	1	7467	12-26-81	9-5/8 @ 540	4-1/2 @ 8240	3-21-82	6821-7562	62 @ 8790 ^B	7879-8026	B
Gavilan #1EC	E 26-25N-2W	5	7319	5-15-83	9-5/8 @ 278	4-1/2 @ 8159	7-23-83	6804-7366	32 @ 11,700	7822-7918	10.2@3400
Northwest Pipeline											
Rucker Lake #1	G 23-25N-2W	9	7309	Location							
Rucker Lake #2	K 24-25N-2W	8	7396	7-12-83	9-5/8 @ 522	4-1/2 @ 8155	8-26-83	6825-7484	193 @ 1200	---	---
Rucker Lake #3	L 25-25N-2W		7408	6-15-83	9-5/8 @ 384	5-1/2 @ 7560	8-10-83	6808-7538	145 @ 2089	---	---
Rucker Lake #4	J 25-25N-2W		7448	Location							
Mesa Grande Resources											
Gavilan-Howard #1	F 23-25N-2W	11	7294	10-10-83	8-5/8 @ 200	5-1/2 @ 8010	WOCT	---	---	---	---
Southland Royalty											
Hawk Federal #2	C 35-25N-2W	12	7331	1-30-84	9-5/8 @ 335	Logging at 8160 as of 2-14-84					
E. Alex Phillips (also known as Mesa Grande)											
Gavilan #2	J 26-25N-2W	--	est. 7416	Location							

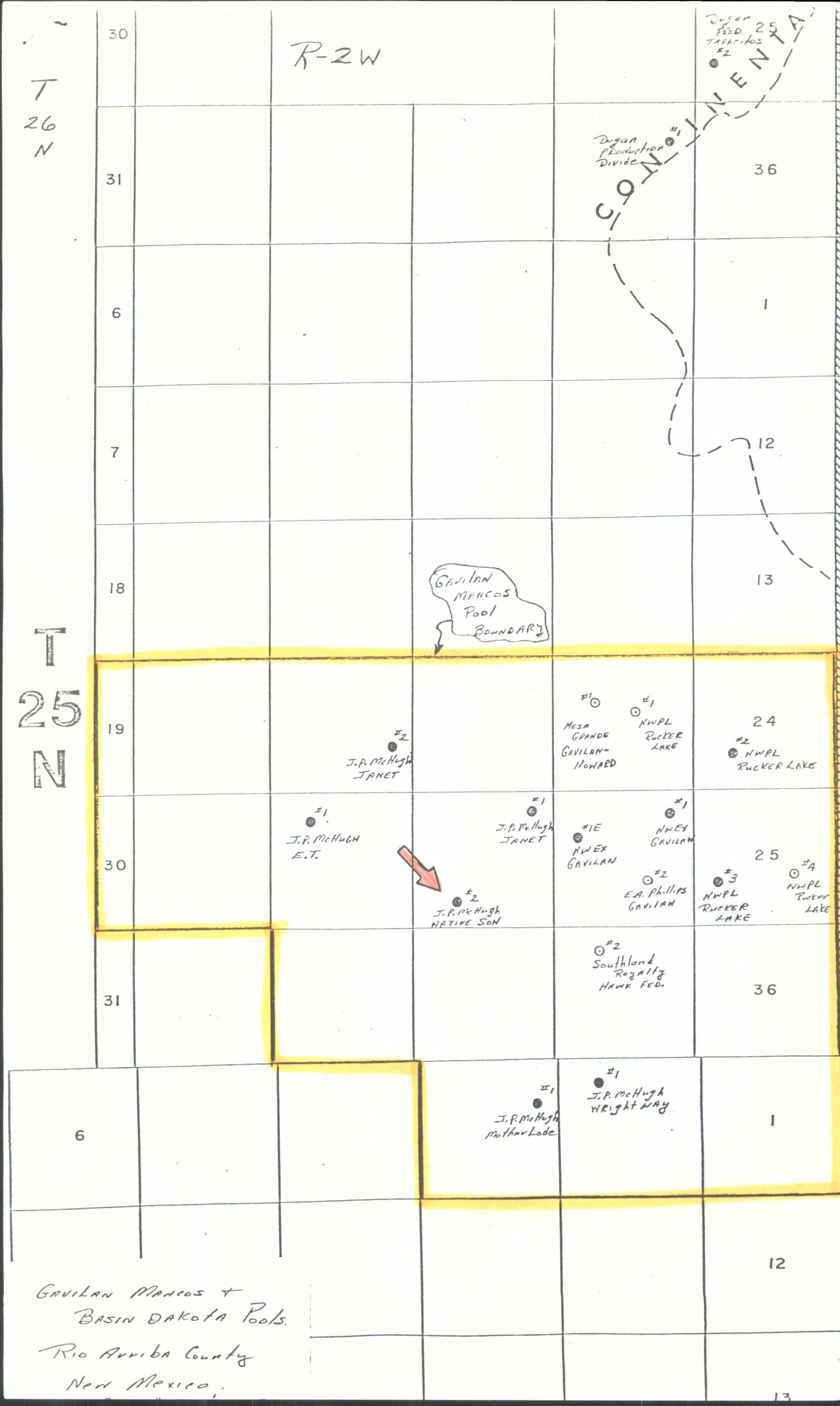
Application for Downhole Commingling
Jerome P. McHugh - Native Son #2 Well
T-25-N, R-2-W, NMPM
Sec. 27: Unit N, 1020' FSL & 1670' FWL
Rio Arriba County, New Mexico
Case No. 8041, Exhibit No. 8

A Also referred to as "Gallup"
B Commingled with Dakota
C Cemented 7" casing @ 6070' & also completed Greenhorn 7653-7708' with IP of 9.8 BOPD with GOR = 2510
D Surveyed Locations: Janet #1 790' FNL - 790' FEL, Janet #2 1850' FSL - 790' FEL, E.T. #1 1100' FNL - 1600' FWL, Wright Way #1 950' FNL - 1650' FWL, Mother Lode #1 1730' FNL - 860' FEL, Native Son #2 1020' FSL - 1670' FWL, Gavilan #1 930' FNL - 910' FEL, Gavilan #1E 1850' FNL - 990' FWL, Rucker Lake #1 2270' FNL - 2275' FEL, Rucker Lake #2 1450' FSL - 1520' FWL, Rucker Lake #3 1760' FSL - 940' FWL, Rucker Lake #4 2060' FSL - 1740' FEL, Gavilan-Howard #1 1850' FNL - 1651' FWL, Hawk Federal #2 910' FNL - 1840' FWL, Gavilan #2 1828' FSL - 1846' FEL.

T
26
N

T
25
N

R-2W



GAVILAN MANCOS +
BASIN DAKOTA POOLS.
RIO ARRIBA COUNTY
NEW MEXICO.