

ECONOMIC COMPARISON OF
ONE HORIZONTAL WELL
VS.
SIX DIRECTIONAL WELLS

Exhibit " 4 "

Application for Horizontal Directional Drilling Pilot Project
and a Non-Standard Oil Proration Unit
Case No. 10110 - October ~~4~~, 1990
Debra Geiger Well No. 1
105' FSL, 125' FEL (Surface Location),
~~32~~ 7-T25N-R12W, N.M.P.M.
San Juan County, New Mexico

Giant Exploration & Production Company
Post Office Box 2810 ~ Farmington, New Mexico 87499-2810
505-326-3325

DEBRA GEIGER WELL NO. 1
HORIZONTAL WELLBORE SCENARIO

* E C O N P R O G R A M *
AS OF 10 / 1990

DATE: 10-02-1990
TIME: 11:47:57
FILE: DEBRA

END	NO.	* GROSS PRODUCTION *		* NET PRODUCTION *		* PRICES *		* * * * N E T R E V E N U E * * * *			
MO-YR	WELLS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OTHER	TOTAL
-----	-----	MBBL-----	MMCF-----	MBBL-----	MMCF-----	\$/B---	\$/M---	M\$-----	M\$-----	M\$-----	M\$-----
12-90	0.3	13.150	6.312	10.265	4.927	25.00	1.45	256.621	7.144	0.000	263.765
12-91	1.0	43.016	20.648	31.910	15.317	25.00	1.45	797.749	22.209	0.000	819.958
12-92	1.0	30.972	14.866	20.838	10.002	25.00	1.45	520.954	14.503	0.000	535.457
12-93	1.0	22.300	10.704	15.003	7.202	25.00	1.45	375.087	10.442	0.000	385.529
12-94	1.0	16.056	7.707	10.803	5.185	25.00	1.45	270.063	7.519	0.000	277.581
12-95	1.0	11.560	5.549	7.778	3.733	25.00	1.45	194.445	5.413	0.000	199.859
12-96	1.0	8.323	3.995	5.600	2.688	25.00	1.45	140.001	3.898	0.000	143.898
12-97	1.0	5.993	2.877	4.032	1.935	25.00	1.45	100.801	2.806	0.000	103.607
12-98	1.0	4.315	2.071	2.903	1.393	25.00	1.45	72.576	2.021	0.000	74.597
12-99	1.0	3.107	1.491	2.090	1.003	25.00	1.45	52.255	1.455	0.000	53.710

REM.	0.0	0.000	0.000	0.000	0.000	0.00	0.00	0.000	0.000	0.000	0.000
TOT.	0.0	158.790	76.219	111.222	53.387	25.00	1.45	2780.550	77.411	0.000	2857.960

YR	ADVALOREM	WINDFALL	OPERATING	TOTAL	OPERATIONAL	*** NET INVESTMENTS ***			10.0% CUM	
	& PROD TAX	TAXES	EXPENSES	EXPENSES	CASH FLOW	TANGIBLE	INTANGIBLE	LEASEHOLD	CASH FLOW	DISC C.F.
--	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----
90	29.660	0.000	12.000	41.660	222.105	248.280	379.350	0.000	-405.525	-408.072
91	92.204	0.000	44.760	136.964	682.994	0.000	0.000	0.000	682.994	228.044
92	60.212	0.000	39.000	99.212	436.245	0.000	0.000	0.000	436.245	597.411
93	43.353	0.000	39.000	82.353	303.176	0.000	0.000	0.000	303.176	830.772
94	31.214	0.000	39.000	70.214	207.367	0.000	0.000	0.000	207.367	975.877
95	22.474	0.000	39.000	61.474	138.384	0.000	0.000	0.000	138.384	1063.908
96	16.181	0.000	39.000	55.181	88.717	0.000	0.000	0.000	88.717	1115.214
97	11.651	0.000	39.000	50.651	52.956	0.000	0.000	0.000	52.956	1143.054
98	8.388	0.000	39.000	47.388	27.208	0.000	0.000	0.000	27.208	1156.058
99	6.040	0.000	39.000	45.040	8.670	0.000	0.000	0.000	8.670	1159.825

REM	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOT	321.378	0.000	368.760	690.138	2167.824	248.280	379.350	0.000	1540.193	1159.825

PROFITABILITY INDICATORS			REVERSION			PRESENT WORTH PROFILE		
-----			POINTS(YRS)			%---- M\$-----		
PAYOUT (YRS)	0.84	INITIAL W.I.	100.0000	0.890	ULTIMATE OIL (MBBL)	158.8	5.0	1329.290
DISCOUNTED PAYOUT (YRS)	0.89	FINAL W.I.	81.2500		ULTIMATE GAS (MMCF)	76.2	10.0	1159.825
DCF RATE OF RETURN (%)	100.00	INITIAL NRI OIL	78.0625		BTU RATING	1000	15.0	1021.145
INCOME/INVESTMENT	3.45	FINAL NRI OIL	67.2813		WINDFALL TIER	3	20.0	905.825
DISC INCOME/INVESTMENT	2.85	INITIAL NRI GAS	78.0625		MAJOR PHASE	OIL	25.0	808.579
PROJECT LIFE (YRS)	9.25	FINAL NRI GAS	67.2813		PROB. OF SUCCESS (%)	100.00	30.0	725.557
							40.0	591.462
							50.0	487.966
							70.0	338.725
							100.0	196.018

NM-36356
DEBRA GEIGER WELL NO. 1
BISTI LOWER GALLUP

SAN JUAN COUNTY
NM
HIXON DEVELOPMENT

DEBRA GIEGER DRILLING ALTERNATIVE
SIX WELLS ON LAYDOWN 80 ACRE TRACTS

* E C O N S U M M A R Y *
AS OF 10 / 1990

DATE: 10-02-1990
TIME: 13:36:56
SIXWELLS.SUM

END MO-YR	NO. WELLS	* GROSS PRODUCTION *		* NET PRODUCTION *		* PRICES *		* * * * * N E T R E V E N U E * * * * *			
		OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OTHER	TOTAL
		MBBL-----	MMCF-----	MBBL-----	MMCF-----	\$/B----	\$/M----	M\$-----	M\$-----	M\$-----	M\$-----
12-90	1.0	13.442	6.452	10.493	5.037	25.00	1.45	262.327	7.303	0.000	269.630
12-91	6.0	61.125	29.340	47.715	22.903	25.00	1.45	1192.886	33.210	0.000	1226.096
12-92	6.0	37.415	17.959	29.207	14.019	25.00	1.45	730.169	20.328	0.000	750.497
12-93	6.0	22.941	11.012	17.908	8.596	25.00	1.45	447.710	12.464	0.000	460.174
12-94	6.0	14.092	6.764	11.001	5.280	25.00	1.45	275.014	7.656	0.000	282.671
12-95	5.8	8.514	4.087	6.647	3.190	25.00	1.45	166.165	4.626	0.000	170.791
12-96	0.8	0.767	0.368	0.599	0.287	25.00	1.45	14.973	0.417	0.000	15.390

REM.	0.0	0.000	0.000	0.000	0.000	0.00	0.00	0.000	0.000	0.000	0.000
TOT.	0.0	158.296	75.982	123.570	59.313	25.00	1.45	3089.243	86.005	0.000	3175.248

ADVALOREM		WINDFALL	OPERATING	TOTAL	OPERATIONAL	*** NET INVESTMENTS ***			10.0% CUM	
YR	& PROD TAX	TAXES	EXPENSES	EXPENSES	CASH FLOW	TANGIBLE	INTANGIBLE	LEASEHOLD	CASH FLOW	DISC C.F.
--	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----
90	35.098	0.000	17.400	52.498	217.133	810.252	1215.376	0.000	-1808.495	-1810.986
91	159.600	0.000	104.400	264.000	962.095	0.000	0.000	0.000	962.095	-914.925
92	97.692	0.000	104.400	202.092	548.404	0.000	0.000	0.000	548.404	-450.593
93	59.901	0.000	104.400	164.301	295.873	0.000	0.000	0.000	295.873	-222.853
94	36.795	0.000	104.400	141.195	141.475	0.000	0.000	0.000	141.475	-123.855
95	22.232	0.000	101.100	123.332	47.459	0.000	0.000	0.000	47.459	-93.665
96	2.003	0.000	12.500	14.503	0.886	0.000	0.000	0.000	0.886	-93.153

REM	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOT	413.321	0.000	548.600	961.921	2213.326	810.252	1215.376	0.000	187.698	-93.153

PROFITABILITY INDICATORS

PAYOUT (YRS)	3.27
DISCOUNTED PAYOUT (YRS)	998.25
DCF RATE OF RETURN (%)	6.33
INCOME/INVESTMENT	1.09
DISC INCOME/INVESTMENT	0.95
ULTIMATE OIL (MBBL)	158.3
ULTIMATE GAS (MMCF)	76.0

PRESENT WORTH PROFILE

%----	M\$-----
5.0	36.295
10.0	-93.153
15.0	-204.949
20.0	-302.382
25.0	-387.987
30.0	-463.752
40.0	-591.752
50.0	-695.651
70.0	-853.930
100.0	-1015.185

DEBRA GIEGER DRILLING ALTERNATIVE
SIX WELLS ON LAYDOWN 80 ACRE TRACTS

ONE LINE SUMMARIES
AS OF 10 / 1990

DATE: 10-02-1990
TIME: 13:37:01
SIXWELLS.SUM

		GROSS OIL	GROSS GAS	NET OIL	NET GAS	NET REVENUE	TOT EXPENSE	CAPITAL	CASH FLOW	10.0% DISC CASH FLOW
FILE	TITLE	MBBL-----	MMCF-----	MBBL-----	MMCF-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----
B-4-2411	NM-36356 - NW/4NE/4 SEC. 4									
		19.396	9.310	15.141	7.268	389.063	133.144	286.964	-31.045	-65.175
D-4-2411	NM-36356 - NW/4NW/4 SEC. 4									
		30.000	14.400	23.419	11.241	601.768	163.332	286.964	151.472	95.444
F-4-2411	NM-36356 - SE/4NW/4 SEC. 4									
		29.752	14.281	23.225	11.148	596.792	167.584	337.605	91.603	37.694
G-4-2411	NM-36356 - SW/4NE/4 SEC. 4									
		29.752	14.281	23.225	11.148	596.792	167.584	337.605	91.603	37.694
I-4-2411	NM-36356 - NE/4SE/4 SEC. 4									
		30.000	14.400	23.419	11.241	601.768	180.632	388.245	32.891	-19.350
K-4-2411	NM-36356 - NE/4SW/4 SEC. 4									
		19.396	9.310	15.141	7.268	389.063	149.644	388.245	-148.826	-179.460
TOTAL										
		158.296	75.982	123.570	59.313	3175.247	961.921	2025.628	187.698	-93.153

INPUT DATA REPORTS

INPUT DATA REPORT

DATE : 10-02-1990

TIME : 11:26:06

FILE : DEBRA

LSE ID CODE FEDERAL

LEASE NAME NM-36356

WELL NAME DEBRA GEIGER WELL NO. 1

FIELD NAME BISTI LOWER GALLUP

COUNTY/ST SAN JUAN COUNTY,NM

OPERATOR HIXON DEVELOPMENT

FOOTNOTE #1 DEBRA GEIGER WELL NO. 1

FOOTNOTE #2 HORIZONTAL WELLBORE SCENARIO

MAJOR PHASE OIL

PROJECT START DATE 10/1990

ENDING MONTH 12

DISC RATE % 10.0

SELECTION CODE 111

ECONOMIC LIMIT YES

CASH FLOW FACTOR % 100.00

RESERVES FACTOR % 100.00

----- LOCAL TAXES -----

OIL PROD. TAX % 8.50 ADVAL TAX % 3.00

STEP WELL NO

GAS PROD. TAX % 8.50 LEAP WELL NO

----- PRODUCT PRICES -----

OIL PRICE				GAS PRICE-BTU RATING 1000			
\$/BBL	ESC %	ESC \$	YRS	\$/MCF	ESC %	ESC \$	YRS

25.000			30	1.450			30
			30				30
			30				30
			30				30
			30				30

60.000 MAXIMUM PRICE 6.000 MAXIMUM PRICE

ESC 0.00% FOR 30 YRS

----- FEDERAL TAX INFORMATION -----

RATE TIME RATE

FED TAX RATE 34.00 30 34.00

TAX LOSS CRRY.FWRD. NO

DEPREC. METHOD DDBAL

DEPREC. LIFE YRS 7

----- OPERATING EXPENSES -----

RATE ESC % YEARS ESC % YEARS

\$/W/M	4000	0.00	30	0.00	0
--------	------	------	----	------	---

STAT. DEPL. NO B/O EQUIV. MCF/B 6.0

OIL		GAS		OIL		GAS	
YR	WELLS	MBBL	MMCF	YR	WELLS	MBBL	MMCF

90	0.3	13.150	6.312	5	1.0	0.434	0.208
----	-----	--------	-------	---	-----	-------	-------

91 1.0 43.016 20.648

92 1.0 30.972 14.866

93 1.0 22.300 10.704

94 1.0 16.056 7.707

95 1.0 11.560 5.549

96 1.0 8.323 3.995

97 1.0 5.993 2.877

98 1.0 4.315 2.071

99 1.0 3.107 1.491

0 1.0 2.237 1.074

1 1.0 1.610 0.773

2 1.0 1.160 0.557

3 1.0 0.835 0.401

4 1.0 0.601 0.289

----- WINDFALL PROFIT TAXES -----

WINDFALL CATEGORY IND B.P.INFLATOR % 6.00

TIER 3 90% N.I. LIMIT NO

WPT BASE PRICE \$/B 39.20

----- OWNERSHIP PERCENTAGES -----

W.I. NRI OIL NRI GAS # OF YRS CUM NOI M\$ ROR%

100.0000 78.0625 78.0625 0.890 0.000 0.000

81.2500 67.2813 67.2813 0.000 0.000 0.000

PRIOR PRODUCTION 0.000 0.000

TOTAL 165.667 79.520

INPUT DATA REPORT

DATE : 10-02-1990

TIME : 13:25:48

FILE : B-4-2411

LSE ID CODE FEDERAL

LEASE NAME NM-36356

WELL NAME NW/4NE/4 SEC. 4

FIELD NAME BISTI LOWER GALLUP

COUNTY/ST SAN JUAN COUNTY,NM

OPERATOR GIANT EXPLORATION & PRODUCTION

FOOTNOTE #1 DEBRA GEIGER WELL NO. 5

FOOTNOTE #2 DIRECTIONAL WELL ON 80 ACRES

MAJOR PHASE OIL

PROJECT START DATE 10/1990

ENDING MONTH 12

DISC RATE % 10.0

SELECTION CODE 111

ECONOMIC LIMIT YES

CASH FLOW FACTOR % 100.00

RESERVES FACTOR % 100.00

----- LOCAL TAXES -----

OIL PROD. TAX % 8.44 ADVAL TAX % 5.00

STEP WELL NO

GAS PROD. TAX % 8.40 LEAP WELL NO

----- PRODUCT PRICES -----

OIL PRICE				GAS PRICE-BTU RATING 1000			
\$/BBL	ESC %	ESC \$	YRS	\$/MCF	ESC %	ESC \$	YRS

25.000			30	1.450			30
			30				30
			30				30
			30				30
			30				30

60.000 MAXIMUM PRICE 6.000 MAXIMUM PRICE

----- OPERATING EXPENSES -----

RATE		ESC % YEARS		ESC % YEARS	
------	--	-------------	--	-------------	--

\$/W/M	1250	0.00	30	0.00	0
--------	------	------	----	------	---

----- WINDFALL PROFIT TAXES -----

WINDFALL CATEGORY IND B.P.INFLATOR % 6.00

TIER 3 90% N.I. LIMIT NO

WPT BASE PRICE \$/B 39.20

----- OWNERSHIP PERCENTAGES -----

W.I.	NRI OIL	NRI GAS	# OF YRS	CUM NOI	M\$ ROR%
------	---------	---------	----------	---------	----------

100.0000	78.0625	78.0625	0.000	0.000	0.000
81.2500	67.2813	67.2813	0.000	0.000	0.000

DECLINE	INITIAL	FINAL	DECLINE	TIME	CUMULATIVE
TYPE ---N--	---RATE---	---RATE---	-PERCENT	-MONTHS	PROD X1000

OIL PROD START 11/90 EXP 0.000 25.000 2.431 34.6230 65.80 19.396

OIL PROD UNITS B/DAY

NUMBER OF WELLS 1

GOR (SCF/BBL) 480.0

GAS PROD START 11/90

GAS PROD UNITS M/DAY

NUMBER OF WELLS 0

YIELD (B/MMCF) 0.0

----- GROSS CAPITAL INVESTMENTS -----

MO/YR	TANG	INTAN	RISK %	MO/YR	TANG	INTAN	RISK %
-------	------	-------	--------	-------	------	-------	--------

10/90	114.8	172.2	100.00				
-------	-------	-------	--------	--	--	--	--

----- FEDERAL TAX INFORMATION -----

RATE TIME RATE

FED TAX RATE 34.00 30 34.00

TAX LOSS CRRY.FWRD. NO

DEPREC. METHOD DDBAL

DEPREC. LIFE YRS 7

STAT. DEPL. NO B/O EQUIV. MCF/B 6.0

YR	WELLS	OIL MMBL	GAS MMCF	YR	WELLS	OIL MMBL	GAS MMCF
----	-------	----------	----------	----	-------	----------	----------

90	0.2	1.469	0.705				
91	1.0	6.930	3.326				
92	1.0	4.531	2.175				
93	1.0	2.962	1.422				
94	1.0	1.937	0.930				
95	1.0	1.266	0.608				
96	0.3	0.301	0.145				

PRIOR PRODUCTION 0.000 0.000

TOTAL 19.396 9.310

INPUT DATA REPORT

DATE : 10-02-1990

TIME : 11:19:45

FILE : D-4-2411

LSE ID CODE FEDERAL

LEASE NAME NM-36356

WELL NAME NW/4NW/4 SEC. 4

FIELD NAME BISTI LOWER GALLUP

COUNTY/ST SAN JUAN COUNTY,NM

OPERATOR GIANT EXPLORATION & PRODUCTION

FOOTNOTE #1 DEBRA GEIGER WELL NO. 1

FOOTNOTE #2 DIRECTIONAL WELL ON 80 ACRES

MAJOR PHASE OIL

PROJECT START DATE 10/1990

ENDING MONTH 12

DISC RATE % 10.0

SELECTION CODE 111

ECONOMIC LIMIT YES

CASH FLOW FACTOR % 100.00

RESERVES FACTOR % 100.00

----- LOCAL TAXES -----

OIL PROD. TAX % 8.44 ADVAL TAX % 5.00

STEP WELL NO

GAS PROD. TAX % 8.40 LEAP WELL NO

DECLINE	INITIAL	FINAL	DECLINE	TIME	CUMULATIVE
TYPE ---N---	---RATE---	---RATE---	---PERCENT---	---MONTHS---	PROD X1000
OIL PROD START 11/90	EXP 0.000	45.000	2.431	40.4454	67.57 30.000

OIL PROD UNITS B/DAY

NUMBER OF WELLS 1

GOR (SCF/BBL) 480.0

GAS PROD START 11/90

GAS PROD UNITS M/DAY

NUMBER OF WELLS 0

YIELD (B/MMCF) 0.0

GROSS CAPITAL INVESTMENTS							
MO/YR	TANG	INTAN	RISK %	MO/YR	TANG	INTAN	RISK %
10/90	114.8	172.2	100.00				

----- PRODUCT PRICES -----

OIL PRICE				GAS PRICE-BTU RATING 1000			
\$/BBL	ESC %	ESC \$	YRS	\$/MCF	ESC %	ESC \$	YRS

25.000			30	1.450			30
			30				30
			30				30
			30				30
			30				30

ESC 0.00% FOR 30 YRS

60.000 MAXIMUM PRICE 6.000 MAXIMUM PRICE

----- FEDERAL TAX INFORMATION -----

RATE TIME RATE			
FED TAX RATE 34.00	30	34.00	TAX LOSS CRRY.FWRD. NO
			DEPREC. METHOD DOBAL
			DEPREC. LIFE YRS 7

----- OPERATING EXPENSES -----

RATE ESC % YEARS ESC % YEARS

\$/W/M	1250	0.00	30	0.00	0
--------	------	------	----	------	---

STAT. DEPL. NO B/O EQUIV. MCF/B 6.0

YR	WELLS	OIL MBBL	GAS MMCF	YR	WELLS	OIL MBBL	GAS MMCF
90	0.2	2.624	1.260				
91	1.0	11.765	5.647				
92	1.0	7.007	3.363				
93	1.0	4.173	2.003				
94	1.0	2.485	1.193				
95	1.0	1.480	0.710				
96	0.5	0.466	0.224				

----- WINDFALL PROFIT TAXES -----

WINDFALL CATEGORY IND B.P.INFLATOR % 6.00

TIER 3 90% N.I. LIMIT NO

WPT BASE PRICE \$/B 39.20

----- OWNERSHIP PERCENTAGES -----

W.I. NRI OIL NRI GAS # OF YRS CUM NOI M\$ ROR%

100.0000	78.0625	78.0625	0.000	0.000	0.000
81.2500	67.2813	67.2813	0.000	0.000	0.000

PRIOR PRODUCTION	0.000	0.000
TOTAL	30.000	14.400

INPUT DATA REPORT

DATE : 10-02-1990

TIME : 13:25:53

FILE : F-4-2411

LSE ID CODE FEDERAL

LEASE NAME NM-36356

WELL NAME SE/4NW/4 SEC.4

FIELD NAME BISTI LOWER GALLUP

COUNTY/ST SAN JUAN COUNTY,NM

OPERATOR GIANT EXPLORATION & PRODUCTION

FOOTNOTE #1 DEBRA GEIGER WELL NO. 2

FOOTNOTE #2 DIRECTIONAL WELL ON 80 ACRES

MAJOR PHASE OIL

PROJECT START DATE 10/1990

ENDING MONTH 12

DISC RATE % 10.0

SELECTION CODE 111

ECONOMIC LIMIT YES

CASH FLOW FACTOR % 100.00

RESERVES FACTOR % 100.00

----- LOCAL TAXES -----

OIL PROD. TAX % 8.44 ADVAL TAX % 5.00

STEP WELL NO

GAS PROD. TAX % 8.40 LEAP WELL NO

----- PRODUCT PRICES -----

OIL PRICE GAS PRICE-BTU RATING 1000
\$/BBL ESC % ESC \$ YRS \$/MCF ESC % ESC \$ YRS

OIL PRICE	GAS PRICE-BTU RATING 1000
\$/BBL ESC % ESC \$ YRS	\$/MCF ESC % ESC \$ YRS
25.000 30 1.450 30	
30 30	
30 30	
30 30	
30 30	

60.000 MAXIMUM PRICE 6.000 MAXIMUM PRICE

ESC 0.00% FOR 30 YRS

----- OPERATING EXPENSES -----

RATE ESC % YEARS ESC % YEARS

\$/W/M	1450	0.00	30	0.00	0

----- WINDFALL PROFIT TAXES -----

WINDFALL CATEGORY IND B.P.INFLATOR % 6.00

TIER 3 90% N.I. LIMIT NO

WPT BASE PRICE \$/B 39.20

----- OWNERSHIP PERCENTAGES -----

W.I. NRI OIL NRI GAS # OF YRS CUM NOI M\$ ROR%

W.I.	NRI OIL	NRI GAS	# OF YRS	CUM NOI	M\$ ROR%
100.0000	78.0625	78.0625	0.000	0.000	0.000
81.2500	67.2813	67.2813	0.000	0.000	0.000

DECLINE	INITIAL	FINAL	DECLINE	TIME	CUMULATIVE
---	---	---	---	---	---
TYPE	---N---	---RATE---	---RATE---	---PERCENT	---MONTHS PROD X1000
OIL PROD START 11/90 EXP	0.000	45.000	2.820	40.1627	64.72 30.000
OIL PROD UNITS B/DAY					
NUMBER OF WELLS 1					
GOR (SCF/BBL) 480.0					

GAS PROD START 11/90	GAS PROD UNITS M/DAY	NUMBER OF WELLS 0	YIELD (B/MMCF) 0.0

----- GROSS CAPITAL INVESTMENTS -----							
MO/YR	TANG	INTAN	RISK %	MO/YR	TANG	INTAN	RISK %
10/90	135.0	202.6	100.00				

----- FEDERAL TAX INFORMATION -----

RATE TIME RATE

FED TAX RATE 34.00 30 34.00 TAX LOSS CRRY.FWRD. NO

DEPREC. METHOD DDBAL

DEPREC. LIFE YRS 7

STAT. DEPL. NO B/O EQUIV. MCF/B 6.0

YR	WELLS	OIL MBBL	GAS MMCF	YR	WELLS	OIL MBBL	GAS MMCF
90	0.2	2.625	1.260				
91	1.0	11.800	5.664				
92	1.0	7.061	3.389				
93	1.0	4.225	2.028				
94	1.0	2.528	1.213				
95	1.0	1.513	0.726				
96	0.3	0.248	0.119				

PRIOR PRODUCTION	0.000	0.000
TOTAL	30.000	14.400

INPUT DATA REPORT

DATE : 10-02-1990

TIME : 13:25:59

FILE : G-4-2411

LSE ID CODE FEDERAL

LEASE NAME NM-36356

WELL NAME SW/4NE/4 SEC. 4

FIELD NAME BISTI LOWER GALLUP

COUNTY/ST SAN JUAN COUNTY,NM

OPERATOR GIANT EXPLORATION & PRODUCTION

FOOTNOTE #1 DEBRA GEIGER WELL NO. 3

FOOTNOTE #2 DIRECTIONAL WELL ON 80 ACRES

MAJOR PHASE OIL

PROJECT START DATE 10/1990

ENDING MONTH 12

DISC RATE % 10.0

SELECTION CODE 111

ECONOMIC LIMIT YES

CASH FLOW FACTOR % 100.00

RESERVES FACTOR % 100.00

----- LOCAL TAXES -----

OIL PROD. TAX % 8.44 ADVAL TAX % 5.00

STEP WELL NO

GAS PROD. TAX % 8.40 LEAP WELL NO

----- PRODUCT PRICES -----

OIL PRICE				GAS PRICE-BTU RATING 1000			
\$/BBL	ESC %	ESC \$	YRS	\$/MCF	ESC %	ESC \$	YRS

25.000			30	1.450			30
			30				30
			30				30
			30				30
			30				30

60.000 MAXIMUM PRICE 6.000 MAXIMUM PRICE

ESC 0.00% FOR 30 YRS

----- OPERATING EXPENSES -----

RATE ESC % YEARS ESC % YEARS

\$/W/M	1450	0.00	30	0.00	0
--------	------	------	----	------	---

----- WINDFALL PROFIT TAXES -----

WINDFALL CATEGORY IND B.P.INFLATOR % 6.00

TIER 3 90% N.I. LIMIT NO

WPT BASE PRICE \$/B 39.20

----- OWNERSHIP PERCENTAGES -----

W.I. NRI OIL NRI GAS # OF YRS CUM NOI M\$ ROR%

100.0000	78.0625	78.0625	0.000	0.000	0.000
81.2500	67.2813	67.2813	0.000	0.000	0.000

DECLINE	INITIAL	FINAL	DECLINE	TIME	CUMULATIVE
TYPE ---N---	---RATE---	---RATE---	---PERCENT---	---MONTHS---	PROD X1000
OIL PROD START 11/90	EXP 0.000	45.000	2.820	40.1627	64.72 30.000
OIL PROD UNITS B/DAY	NUMBER OF WELLS 1				
GOR (SCF/BBL) 480.0					

GAS PROD START 11/90
GAS PROD UNITS M/DAY
NUMBER OF WELLS 0
YIELD (B/MMCF) 0.0

----- GROSS CAPITAL INVESTMENTS -----							
MO/YR	TANG	INTAN	RISK %	MO/YR	TANG	INTAN	RISK %
10/90	135.0	202.6	100.00				

----- FEDERAL TAX INFORMATION -----

RATE TIME RATE

FED TAX RATE 34.00	30	34.00	TAX LOSS CRRY.FWRD. NO
			DEPREC. METHOD DDBAL
			DEPREC. LIFE YRS 7

STAT. DEPL. NO B/O EQUIV. MCF/B 6.0

YR	WELLS	OIL MMBL	GAS MMCF	YR	WELLS	OIL MMBL	GAS MMCF
90	0.2	2.625	1.260				
91	1.0	11.800	5.664				
92	1.0	7.061	3.389				
93	1.0	4.225	2.028				
94	1.0	2.528	1.213				
95	1.0	1.513	0.726				
96	0.3	0.248	0.119				

PRIOR PRODUCTION	0.000	0.000
TOTAL	30.000	14.400

INPUT DATA REPORT

DATE : 10-02-1990

TIME : 11:20:02

FILE : 1-4-2411

LSE ID CODE FEDERAL

LEASE NAME NM-36356

WELL NAME NE/4SE/4 SEC. 4

FIELD NAME BISTI LOWER GALLUP

COUNTY/ST SAN JUAN COUNTY,NM

OPERATOR GIANT EXPLORATION & PRODUCTION

FOOTNOTE #1 DEBRA GEIGER WELL NO. 4

FOOTNOTE #2 DIRECTIONAL WELL ON 80 ACRES

MAJOR PHASE OIL

PROJECT START DATE 10/1990

ENDING MONTH 12

DISC RATE % 10.0

SELECTION CODE 111

ECONOMIC LIMIT YES

CASH FLOW FACTOR % 100.00

RESERVES FACTOR % 100.00

----- LOCAL TAXES -----

OIL PROD. TAX % 8.44 ADVAL TAX % 5.00

STEP WELL NO

GAS PROD. TAX % 8.40 LEAP WELL NO

----- PRODUCT PRICES -----

OIL PRICE GAS PRICE-BTU RATING 1000
\$/BBL ESC % ESC \$ YRS \$/MCF ESC % ESC \$ YRS

OIL PRICE	GAS PRICE-BTU RATING 1000
\$/BBL ESC % ESC \$ YRS	\$/MCF ESC % ESC \$ YRS
25.000 30	1.450 30
30 30	30 30
30 30	30 30
30 30	30 30
30 30	30 30

60.000 MAXIMUM PRICE

6.000 MAXIMUM PRICE

ESC 0.00% FOR 30 YRS

----- OPERATING EXPENSES -----

RATE ESC % YEARS ESC % YEARS

\$/W/M	1650	0.00	30	0.00	0

STAT. DEPL.

NO

B/O EQUIV. MCF/B 6.0

YR	WELLS	OIL MBBL	GAS MMCF	YR	WELLS	OIL MBBL	GAS MMCF
90	0.2	2.626	1.261				
91	1.0	11.835	5.681				
92	1.0	7.115	3.415				
93	1.0	4.278	2.053				
94	1.0	2.572	1.234				
95	1.0	1.574	0.755				

----- WINDFALL PROFIT TAXES -----

WINDFALL CATEGORY IND B.P.INFLATOR % 6.00

TIER 3 90% N.I. LIMIT NO

WPT BASE PRICE \$/B 39.20

----- OWNERSHIP PERCENTAGES -----

W.I. NRI OIL NRI GAS # OF YRS CUM NOI M\$ ROR%

W.I.	NRI OIL	NRI GAS	# OF YRS	CUM NOI	M\$ ROR%
100.0000	78.0625	78.0625	0.000	0.000	0.000
81.2500	67.2813	67.2813	0.000	0.000	0.000

PRIOR PRODUCTION	0.000	0.000
TOTAL	30.000	14.400

INPUT DATA REPORT

DATE : 10-02-1990

TIME : 13:26:05

FILE : K-4-2411

LSE ID CODE FEDERAL

LEASE NAME NM-36356

WELL NAME NE/4SW/4 SEC. 4

FIELD NAME BISTI LOWER GALLUP

COUNTY/ST SAN JUAN COUNTY,NM

OPERATOR GIANT EXPLORATION & PRODUCTION

FOOTNOTE #1 DEBRA GEIGER WELL NO. 6

FOOTNOTE #2 DIRECTIONAL WELL ON 80 ACRES

MAJOR PHASE OIL

PROJECT START DATE 10/1990

ENDING MONTH 12

DISC RATE % 10.0

SELECTION CODE 111

ECONOMIC LIMIT YES

CASH FLOW FACTOR % 100.00

RESERVES FACTOR % 100.00

----- LOCAL TAXES -----

OIL PROD. TAX % 8.44 ADVAL TAX % 5.00

STEP WELL NO

GAS PROD. TAX % 8.40 LEAP WELL NO

DECLINE	INITIAL	FINAL	DECLINE	TIME	CUMULATIVE
TYPE ---N--	---RATE---	---RATE---	---PERCENT---	---MONTHS---	PROD X1000
OIL PROD START 11/90	EXP 0.000	25.000	3.209	33.6582	60.03 19.396

OIL PROD UNITS B/DAY

NUMBER OF WELLS 1

GOR (SCF/BBL) 480.0

GAS PROD START 11/90

GAS PROD UNITS M/DAY

NUMBER OF WELLS 0

YIELD (B/MMCF) 0.0

----- GROSS CAPITAL INVESTMENTS -----							
MO/YR	TANG	INTAN	RISK %	MO/YR	TANG	INTAN	RISK %
10/90	155.3	232.9	100.00				

----- PRODUCT PRICES -----

OIL PRICE				GAS PRICE-BTU RATING 1000			
\$/BBL	ESC %	ESC \$	YRS	\$/MCF	ESC %	ESC \$	YRS
25.000			30	1.450			30
			30				30
			30				30
			30				30
			30				30

ESC 0.00% FOR 30 YRS

60.000 MAXIMUM PRICE 6.000 MAXIMUM PRICE

----- FEDERAL TAX INFORMATION -----

RATE TIME RATE			
FED TAX RATE 34.00	30	34.00	TAX LOSS CRRY.FWRD. NO
			DEPREC. METHOD DDBAL
			DEPREC. LIFE YRS 7

----- OPERATING EXPENSES -----

RATE ESC % YEARS ESC % YEARS					
\$/W/M	1650	0.00	30	0.00	0

STAT. DEPL. NO B/O EQUIV. MCF/B 6.0

YR	WELLS	OIL MBBL	GAS MMCF	YR	WELLS	OIL MBBL	GAS MMCF
90	0.2	1.471	0.706				
91	1.0	6.995	3.357				
92	1.0	4.640	2.227				
93	1.0	3.078	1.478				
94	1.0	2.042	0.980				
95	0.8	1.169	0.561				

----- WINDFALL PROFIT TAXES -----

WINDFALL CATEGORY	IND	B.P.INFLATOR %	6.00
TIER	3	90% N.I. LIMIT	NO
WPT BASE PRICE \$/B	39.20		

----- OWNERSHIP PERCENTAGES -----

W.I.	NRI OIL	NRI GAS	# OF YRS	CUM NOI	M\$	ROR%
100.0000	78.0625	78.0625	0.000	0.000	0.000	
81.2500	67.2813	67.2813	0.000	0.000	0.000	

PRIOR PRODUCTION	0.000	0.000
TOTAL	19.396	9.310

Exhibit " 5 "

Application for Horizontal Directional Drilling Pilot Project
and a Non-Standard Oil Proration Unit
Case No. 10110 - October 4, 1990
Debra Geiger Well No. 1
105' FSL, 125' FEL (Surface Location),
~~32~~ 7-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Giant Exploration & Production Company
Post Office Box 2810 ~ Farmington, New Mexico 87499-2810
505-326-3325



GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. Thomas A. Dugan
Dugan Production Corp.
Post Office Box 420
Farmington, New Mexico 87499-0420

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Dear Mr. Dugan:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

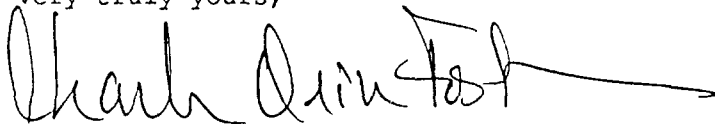
In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. Thomas A. Di 1
September 13, 1990
Page 2

If your company should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

A handwritten signature in black ink, appearing to read "Charles Orin Foster", with a long horizontal flourish extending to the right.

Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-588

Dugan Production Corp. has no objection to plans proposed herein by
Giant Exploration & Production Company.

by: _____ date _____
title:

Is your RETURN ADDRESS completed on the reverse side?

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Mr. Thomas A. Dugan
Dugan Production Corp.
P. O. Box 420
Farmington, New Mexico 87499-0420

4. Article Number
P 337 989 588

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature -- Addressee
X

6. Signature -- Agent
X *[Signature]*

7. Date of Delivery
9-14-90

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Apr. 1989

* U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

Thank you for using
Return Receipt Service.

PS Form 3800, June 1985

U.S.G.P.O. 1989-234-555

Postage \$.45

Certified Fee .85

Special Delivery Fee *

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered .90

Return Receipt showing to whom, Date, and Address of Delivery

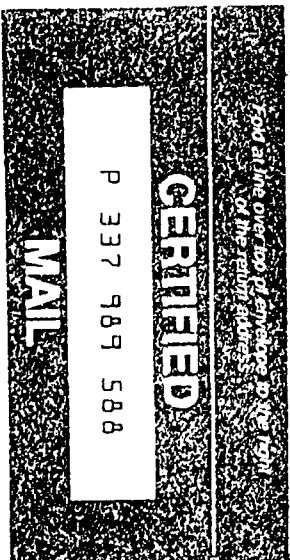
TOTAL Postage and Fees \$ 2.20

Postmark or Date
9-13-90

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to Mr. Thomas Dugan
Dugan Production Corp.
Street and No
P. O. Box 420
P. O. State and ZIP Code
Farmington, New Mexico 87499-0420

P 337 989 588





GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. Thomas A. Dugan
Dugan Production Corp.
Post Office Box 420
Farmington, New Mexico 87499-0420

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Dear Mr. Dugan:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

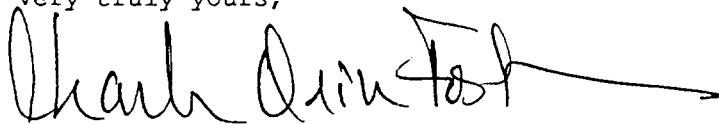
In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. Thomas A. Dugan
September 13, 1990
Page 2

If your company should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

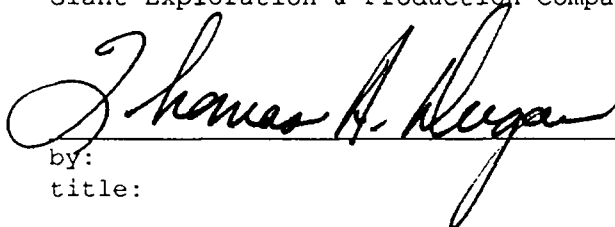


Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-588

Dugan Production Corp. has no objection to plans proposed herein by
Giant Exploration & Production Company.

 9-14-90
by: _____ date
title: _____



GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. Charles R. Traxler
Union Pacific Resources Company
Post Office Box 7
Fort Worth, Texas 76101-0007

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Dear Mr. Traxler:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. Charles R. ! xler
September 13, 1990
Page 2

If your company should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

A handwritten signature in cursive script, reading "Charles Orin Foster". The signature is written in dark ink and is positioned below the text "Very truly yours,".

Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-590

Union Pacific Resources Company has no objection to plans proposed herein by Giant Exploration & Production Company.

by: _____ date _____
title:

Is your RETURN ADDRESS completed on the reverse side?

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

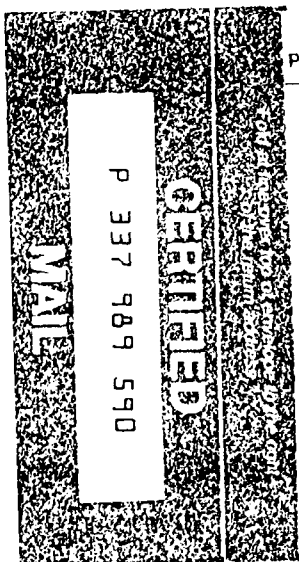
3. Article Addressed to: Mr. Charles Traxler Union Pacific Resources Company 801 Cherry Street Fort Worth, Texas 76102	4. Article Number P 337 989 590
Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature — Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X	
7. Date of Delivery SEP 17 1990	

PS Form 3811, Apr. 1986

U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

Thank you for using
Return Receipt Service.



PS Form 3800, June 1985

U.S.G.P.O. 1989-234-555

Sent to Mr. Charles Traxler Union Pacific Resources Co.	
Street and No. 801 Cherry Street	
P.O. State and ZIP Code Fort Worth, Texas 76102	
Postage	.45
Certified Fee	.85
Special Delivery Fee	
Registered Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	2.20
Postmark or Date	9-13-90

P 337 989 590
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)



September 26, 1990

State of New Mexico
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

RE: Case 10110 - October 3, 1990 Docket
Giant Exploration & Production Company
Application for Horizontal Directional Drilling Permit
105' FSL & 125' FEL (Surface Location)
Sec. 32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Gentlemen:

Union Pacific Resources Company has no objection to the plans proposed by Giant Exploration & Production Company to directionally drill the Debra Geiger #1 well as a pilot project in the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non-standard proration unit encompassing the N/2 S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

Sincerely yours,

UNION PACIFIC RESOURCES COMPANY

A handwritten signature in dark ink, appearing to read "J.R. Carter, Jr.", with a stylized flourish at the end.

J.R. Carter, Jr.
Regulatory Manager

JRC/KJC/ds



GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. L. Stanley
Seabrook Corporation
555 Seventeenth Street, Suite 1000
Denver, Colorado 80202-3910

Mr. L. Stanley
Lancaster Corporation
555 Seventeenth Street, Suite 1000
Denver, Colorado 80202-3910

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Dear Mr. Stanley:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.


In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. L. Stanley
September 13, 1990
Page 2

If your company should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Charles Orin Foster", with a long horizontal flourish extending to the right.

Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-591

Seabrook Corporation and Lancaster Corporation has no objection to plans proposed herein by Giant Exploration & Production Company.

by: _____ date _____
title: _____

Is your RETURN ADDRESS
completed on the reverse side?

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. L. Stanley Seabrook Corporation 555 Seventeenth St., Suite 1000 Denver, Colorado 80202-3910	4. Article Number P 337 989 591
Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature — Addressee X	7. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X <i>L. Stanley</i>	
7. Date of Delivery 9-17-90	

Thank you for using
Return Receipt Service.

PS Form 3811, Apr. 1989

★ U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

PS Form 3800, June 1985

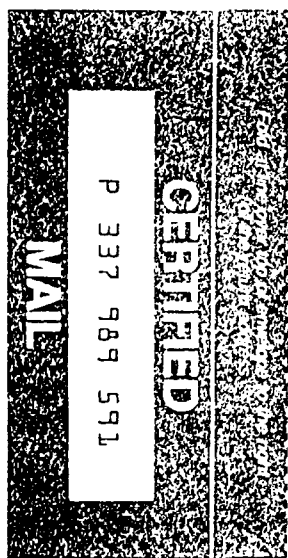
U.S.G.P.O. 1989-234-555

RECEIPT FOR CERTIFIED MAIL

P 337 989 591

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to Mr. L. Stanley Seabrook Corporation	
Street and No. 555 Seventeenth St., Suite 1000	
P.O. State and ZIP Code Denver, Colorado 80202-3910	
Postage	\$.85
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 2.60
Postmark or Date	9-13-90





GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

52 52 32
Expose 400' of 9
8 proration units
allowable
September 13, 1990 6-80's
Sec 4 is wilderness

Mr. L. Stanley
Seabrook Corporation
555 Seventeenth Street, Suite 1000
Denver, Colorado 80202-3910

Mr. L. Stanley
Lancaster Corporation
555 Seventeenth Street, Suite 1000
Denver, Colorado 80202-3910

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

CC TO:	
BOB S.	
BRENDA	
BUCK	
BUCK	
CRAIG	
DAVID	
DOTTIE	
GARY	
GENE	
JACK	
JOAN	
RAY	
KEITH	
SAMIE	
SHIRLEY	
WARD	

Dear Mr. Stanley:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. L. Stanley
September 13, 1990
Page 2

If your company should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

Charles DeWitt Foster

Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-591

Seabrook Corporation and Lancaster Corporation has no objection to plans proposed herein by Giant Exploration & Production Company.

by: Keith J. Ebner date: 9-25-90
title: V.P. Operations



GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. C. Phil Fleming
Norcen Explorer, Inc.
550 West Lake Boulevard, Suite 350
Houston, Texas 77079

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Dear Mr. Fleming:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

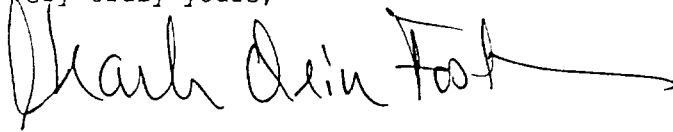
In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. C. Phil Flen j
September 13, 1990
Page 2

If your company should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

A handwritten signature in black ink, reading "Charles Orin Foster", with a long horizontal flourish extending to the right.

Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-592

Norcen Explorer, Inc. has no objection to plans proposed herein by Giant Exploration & Production Company.

by: _____ date _____
title: _____

Is your RETURN ADDRESS
completed on the reverse side?

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. C. Phil Fleming Norcen Explorer, Inc. 550 West Lake Blvd., Suite 350 Houston, Texas 77079	4. Article Number P 337 989 592
Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>Quinn King</i>	
7. Date of Delivery <i>9-17-90</i>	

Thank you for using
Return Receipt Service.

PS Form 3811, Apr. 1989

U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

PS Form 3800, June 1985

U.S.G.P.O. 1989-234-555

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

P 337 989 592

Sent to Mr. C. Phil Fleming Norcen Explorer, Inc. 550 West Lake Blvd., Ste 350 Houston, Texas 77079	
P.O. State and ZIP Code	
Postage	\$.45
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 2.20
Postmark or Date	9-13-90

CERTIFIED

P 337 989 592

MAIL

For filing one top of envelope to the right of the return address



GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. C. Phil Fleming
Norcen Explorer, Inc.
550 West Lake Boulevard, Suite 350
Houston, Texas 77079

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Dear Mr. Fleming:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. C. Phil Flen j
September 13, 1990
Page 2

If your company should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,



Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-592

Norcen Explorer, Inc. has no objection to plans proposed herein by Giant Exploration & Production Company.

by: C. Phil Flen date 9-19-90
title: VP Land



GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. Larry L. Woodard
United States Department of the Interior - BLM
Post Office Box 1449
Santa Fe New Mexico 87504

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Dear Mr. Woodard:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. Larry L. Wood
September 13, 1990
Page 2

If the United States Department of the Interior - BLM should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Charles Orin Foster", with a long horizontal flourish extending to the right.

Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-593

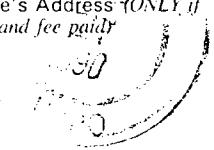
The United States Department of the Interior - BLM has no objection to plans proposed herein by Giant Exploration & Production Company.

by: _____ date _____
title: _____

Is your RETURN ADDRESS
completed on the reverse side?

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery
(Extra charge) (Extra charge)

3. Article Addressed to: Mr. Larry L. Woodard U.S. Dept. of Interior-BLM P. O. Box 1449 Santa Fe, New Mexico 87504	4. Article Number P 337 989 593
Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .	
5. Signature Addressee X	8. Addressee's Address (ONLY if requested and fee paid) 
6. Signature Agent X <i>Nora Apodaca</i>	
7. Date of Delivery	

Thank you for using
Return Receipt Service.

PS Form 3811, Apr 1989

• U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

PS Form 3800, June 1985

U.S.G.P.O. 1989-234-555

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

P 337 989 593

Sent to Mr. Larry L. Woodard
U.S. Dept. of Interior-BLM
P. O. Box 1449
P.O. State and ZIP Code
Santa Fe, NM 87504

Postage	\$.45
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing in whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 2.20
Postmark or Date	9-13-90

CERTIFIED

P 337 989 593

MAIL



**GIANT EXPLORATION AND
PRODUCTION COMPANY**

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Mr. Larry L. Woodard
United States Department of the Interior - BLM
Post Office Box 1449
Santa Fe New Mexico 87504

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

STATE OFFICE
SANTA FE, NM

SEP 17 AM 8 39

Dear Mr. Woodard:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Mr. Larry L. Wood
September 13, 1990
Page 2

If the United States Department of the Interior - BLM should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,



Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-593

The United States Department of the Interior - BLM has no objection to plans proposed herein by Giant Exploration & Production Company.

by:
title:

date

9/21/90
Deputy State Director
New Mexico State Office

STATE OFFICE
SANTA FE, NM

SEP 17 AM 8 40

RECEIVED
SEP 19 1990



GIANT EXPLORATION AND
PRODUCTION COMPANY

P.O. Box 2810
Farmington, New Mexico
87499

505
326-3325

September 13, 1990

Bureau of Indian Affairs
Navajo Area Office
Post Office Box M
Window Rock, Arizona 86515-0174

Subject: Debra Geiger #1 Well
105' FSL, 125' FEL (Surface Location)
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Ladies and Gentlemen:

Giant Exploration & Production Company (Giant) is seeking approval from the New Mexico Oil Conservation Division (NMOCD) to directionally drill the subject well as a pilot project within the Bisti Lower Gallup Oil Pool to be contained within a 480 acre non standard proration unit encompassing the N/2, N/2S/2 of Section 4, T24N-R11W, N.M.P.M., San Juan County, New Mexico.

The approval request, as is specified above, is being sought pursuant to an application for a hearing before the NMOCD being placed by Giant on the October 3, 1990 docket.

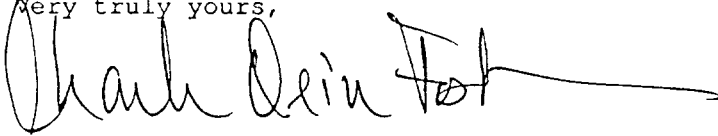
In accordance with the rules and regulations of the NMOCD, you are entitled to appear at the hearing to present testimony and submit evidence in support of your position regarding the merits of the application. In the event that you desire to appear at the hearing, please be advised that the NMOCD has issued a memorandum dated April 30, 1990 requiring that all parties who plan to appear at a hearing must file a pre-hearing statement by 4pm on the Friday preceding the hearing date. In addition, the memorandum provides that anyone wishing to receive another party's pre-hearing statement or pleadings must file an entry of appearance in accordance with Rule 1208 of the rules and regulation of the NMOCD.

Bureau of Indian Affairs
September 13, 1990
Page 2

If the Bureau of Indian Affairs should have no objection to our plans, Giant respectfully requests that you so indicate by signing in the place provided below and returning one copy of this letter back to my attention at the letterhead address at your earliest convenience.

If you should have any questions regarding this matter, please do not hesitate to call me at 505-326-3325 or write to me at the letterhead address.

Very truly yours,

A handwritten signature in cursive script, reading "Charles Orin Foster", followed by a long horizontal flourish.

Charles Orin Foster
Vice President - Land

COF/plc

CERTIFIED RETURN RECEIPT
P 337-989-589

The Bureau of Indian Affairs has no objection to plans proposed herein by Giant Exploration & Production Company.

by: _____ date _____
title: _____

Is your RETURN ADDRESS
completed on the reverse side?

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Bureau of Indian Affairs Navajo Area Office P. O. Box M Window Rock, Arizona 86515-0174	4. Article Number P 337 989 589
Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent Steve Lincoln	
7. Date of Delivery 9-14-90	

Thank you for using
Return Receipt Service.

PS Form 3811, Apr. 1989

*U.S.G.P.O. 1989-238-815

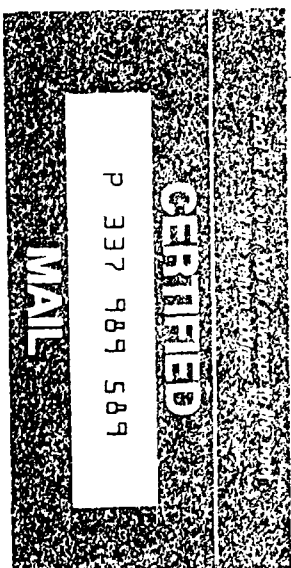
DOMESTIC RETURN RECEIPT

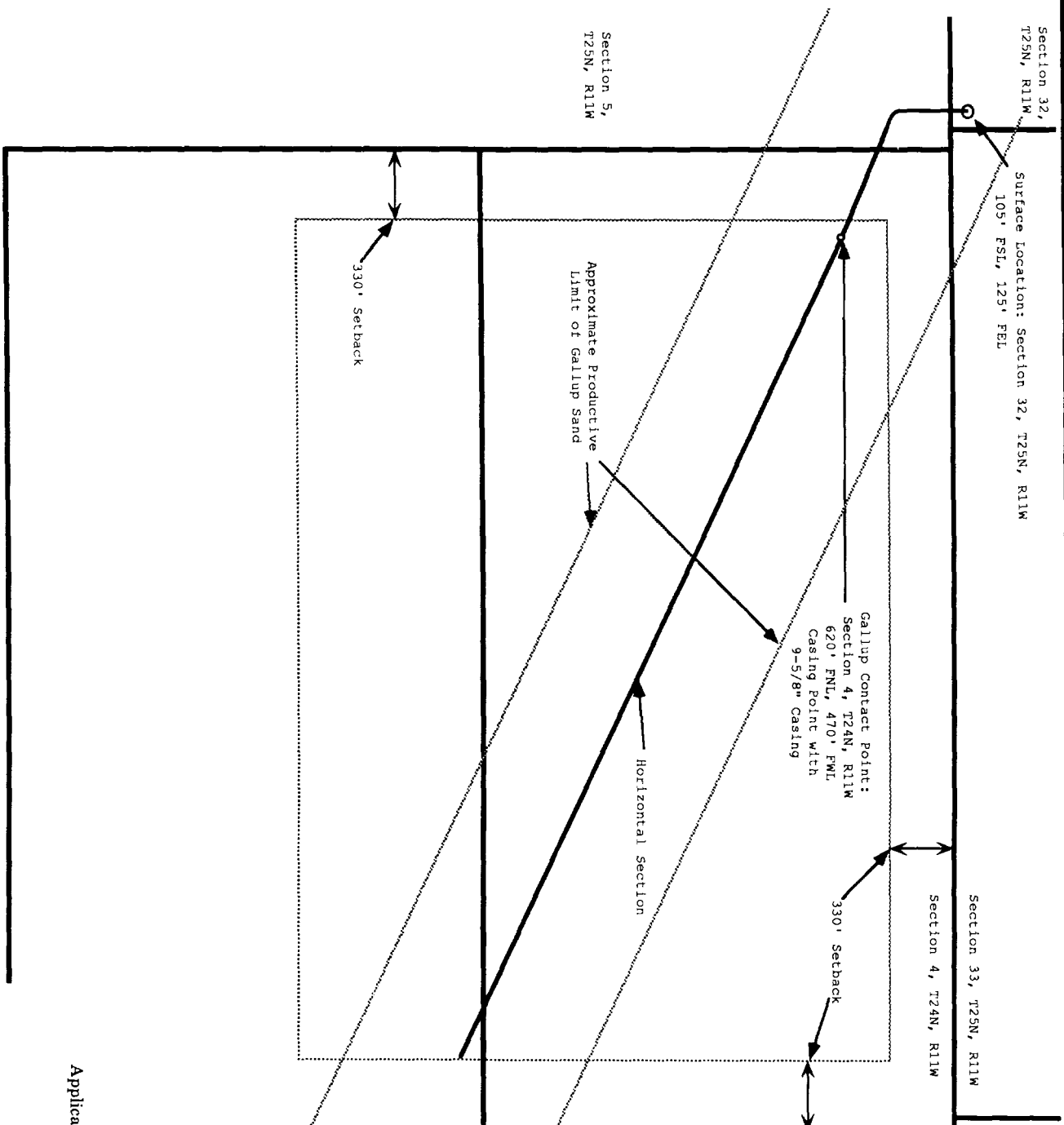
PS Form 3800, June 1985

U.S.G.P.O. 1989-234-555


P 337 989 589
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Bureau of Indian Affairs Navajo Area Office P. O. Box M	
P. O. State and ZIP Code Window Rock, AZ 86515-0174	
Postage	\$.45
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	2.20
Postmark or Date	9-13-90





Debra Geiger Well No. 1
Case #10110
Application for non-standard
oil proration unit
Surface Plat
 (Plat Not Drawn to Scale)



EXPLORATION & PRODUCTION COMPANY
Post Office Box 2810 • Farmington, New Mexico • 87499-2810
505-326-3325

Exhibit " 6 "

Application for Horizontal Directional Drilling Pilot Project
 and a Non-Standard Oil Proration Unit
 Case No. 10110 - October 4, 1990
 Debra Geiger Well No. 1
 105' FSL, 125' FEL (Surface Location),
 9-5/8" Casing
 San Juan County, New Mexico

Giant Exploration & Production Company
 Post Office Box 2810 ~ Farmington, New Mexico 87499-2810
 505-326-3325

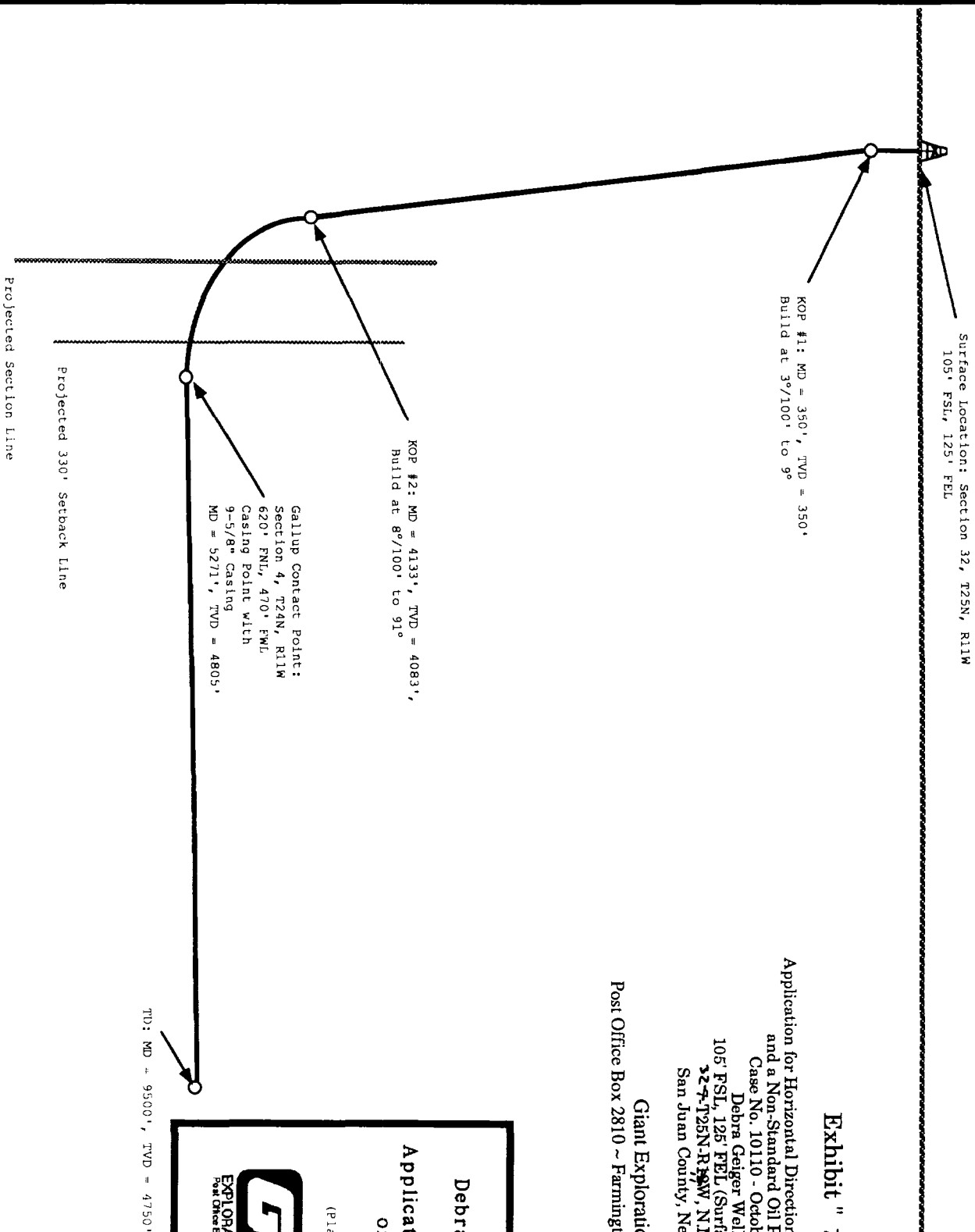


Exhibit " 7 "

Application for Horizontal Directional Drilling Pilot Project
and a Non-Standard Oil Proration Unit
Case No. 10110 - October 1, 1990

Debra Geiger Well No. 1
105' FSL, 125' FEL (Surface Location),
32-T25N-R11W, N.M.P.M.
San Juan County, New Mexico

Giant Exploration & Production Company
Post Office Box 2810 ~ Farmington, New Mexico 87499-2810
505-326-3325

Debra Geiger Well No. 1

Case #10110

Application for non-standard
oil proration unit

Cross Section

(Plot Not Drawn to Scale)



EXPLORATION & PRODUCTION COMPANY
Post Office Box 2810 ~ Farmington, New Mexico 87499-2810
505-326-3325