

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
May 2, 1989

RECEIVED

MAY - 5 1989

OIL CONSERVATION DIV. SANTA FE

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

Attn: Michael Stogner

RE: Administrative Order DD-25

Dear Mr. Stogner:

MWJ received approval under the captioned order to directionally drill its Baum State #2 to a bottom hole location in the Baum Upper Pennsylvanian Pool at a standard location in the SE/4 SW/4 (Unit N) of Section 5, Township 14S, Range 33E, Lea County, New Mexico.

The Baum State #2 was drilled to a total measured depth of 10,377; and a multishot directional survey was run, a copy of which is enclosed. The survey shows the bottom hole location to be 1791.49' FWL and 646.00' FSL of Section 5. A plat has been enclosed for your convenience.

The bottom hole location of the Baum State #2 is not within the limits, pursuant to the Special Pool Rules, of the standard oil well location. MWJ therefore requests approval of the unorthodox location for the Baum State #2 well. A copy of the form C-103 is also enclosed.

We appreciate your consideration of our request, and if you require anything further, please do not hesitate to contact us.

Very truly yours,

MWJ PRODUCING COMPANY

Stan Venable

SV/pd Enclosures

cc: Oil Conservation Division - Hobbs

A CONTRACTOR OF STATE

	Submit 3 Copies to Appropriate District Office	State of N Energy, Minerals and Nat		- ··	Form C-103 Revised 1-1-89			
	DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVA P.O. Bo	x 208	38	WELL API NO.			
	DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mo	exico	87504-2088	5. Indicate Type	of Lesse STATE TEE		
	DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410				6. State Oil & Ga NM-313	s Lesse No.		
•	(DO NOT USE THIS FORM FOR PRODIFFERENT RESE	ICES AND REPORTS ON OPOSALS TO DRILL OR TO DE RVOIR. USE "APPLICATION R -101) FOR SUCH PROPOSALS	EEPEN OR PEI	OR PLUG BACK TO A	7. Lease Name of	Unit Agreement Name		
	1. Type of Well:				Dadiii	Scace		
	MEIT TA MEIT OVE	OTHER						
	2. Name of Operator MWJ PRODUCING	COMPANY			8. Well No.	·		
	3. Address of Operator	COMEANI			9. Pool name or \	Wildcat		
		Suite 1100 Mi	dlaı	nd, Texas 797	01 Baum	Upper Penn		
	4. Well Location Unit Letter N 99	0 Wes	+	231	. 0	South		
	Unit Letter:	Feet From The		Line and231	Feet From	n The South Line		
	Section 5	Township 14S	R2		_{NMPM} Lea	County		
		10. Elevation (Show w		DF, RKB, RT, GR, etc.)				
	11. Check	Appropriate Box to Indi	cate ì	Nature of Notice, R	eport, or Other	r Data		
	NOTICE OF INT	TENTION TO:		SUB	SEQUENT F	REPORT OF:		
	PERFORM REMEDIAL WORK	PLUG AND ABANDON		REMEDIAL WORK		ALTERING CASING		
	TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRILLING	GOPNS.	PLUG AND ABANDONMENT		
	PULL OR ALTER CASING			CASING TEST AND CE	MENT JOB			
	OTHER:			OTHER:				
	12. Describe Proposed or Completed Opera work) SEE RULE 1103.	tions (Clearly state all pertinent de	tails, an	d give pertinent dates, inclu	ding estimated date o	f starting any proposed		
4/1 4/2 4/2	./89: Ran Multishot 2-4/26: Drilling. 27/89: TD 10377' Ran cemented w/50 Displaced w/f	•	5-1 Poz 9:,	1/2" casing & zmix w/.6% Ha PM.	set @ 10	0' w/150 sx cmt. 377'. Halliburto 5# KCL/sk.		
•	• • •	• = ====	<u> </u>		RECE	IVED		
					MAY -	5 1 98 9		
						· · · · · · · · · · · · · · · · · · ·		

I hereby/certify that the information above is true and complete to the best		OIL CONSERVATION DIV.				
SIGNATURE OF heller	Pat Drexler-Ager	nt				
TYPE OR PRINT NAME		TELÉPHONE NO.				
(This space for State Use)						
APIROVED BY	TILE	DATF.				
CONDITIONS OF AINTHOVAL, IF ANY:		•				

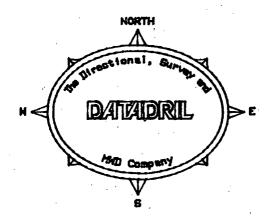
PATARIL

REPORT of NELL COMPLETION SURVEY

M.W.J. PRODUCING CO.

BAUM STATE #F-2

LEA COUNTY, NEW MEXICO
SW 1/4 OF SEC. 5, 145, 33E



PAGE No. 1

DATADRIL

M.W.J. PRODUCING CO.
BAUM STATE #F-2
LEA COUNTY, NEW MEXICO
SW 1/4 OF SEC. 5, 14S, 33E
DATE OF REPORT: 04-27-89

GYRO & MAGNETIC MULTISHOTS
DECLINATION= 10 DEGREES EASTERLY
NORTON #8
JOHN WILLY- GYRO
GARRY HENDRIX- MAGNETIC

File Name: 116689005A

*** RECORD OF SURVEY ***

Calculated by DATADRIL's CADDS System

Radius of Curvature Method
All Angles are Decimal
Vertical Section Plane: S 30.96 E

	,							*	
TYPE OF SURVEY	MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T D T / RECTANGULAR CI (FT)		VERTICAL SECTION (FT)	DOGLEG SEVERITY (DEG/100')
6MS	0.00	0.00	N 0.00 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00
GMS	100.00	. 25	S 30.00 W	100.00	100.00	.19 S	.11 ₩	.11	.25
GMS	200.00	.25	S 19.00 W	100.00	200.00	.59 S	.29 W	.35	.05
GMS	300.00	. 25	S 34.00 ₩	100.00	300.00	.97 S	.48 ₩	.59	.07
GMS	400.00	. 25	N 73.00 E	100.00	400.00	1.24 S	.29 ₩	.92	.47
GMS	500.00	. 25	N 68.00 E	100.00	500.00	1.10 5	.13 E	1.01	.02
GMS	600.00	.50	S 24.00 E	100.00	599.99	1.32 S	.68 E	1.48	.55
6MS	700.00	.50	N 88.00 E	100.00	699.99	1.76 S	1.37 E	2.21	.56
6MS	800.00	.50	S 79.00 E	100.00	799.99	1.82 S	2.24 E	2.72	.11
GMS	900.00	.50	S 84.00 E	100.00	899.98	1.95 S	3.10 E	3.27	.04
GM5	1000.00	.50	S 23.00 E	100.00	999.98	2.45 S	3.77 E	4.04	.51
GMS	1100.00	.50	S 65.00 E	100.00	1099.97	3.06 S	4.36 E	4.87	.36
6MS	1200.00	1.25	N 84.00 E	100.00	1199.96	3.31 S	5.85 E	5.85	.86
GMS	1300.00	1.00	N 67.00 E	100.00	1299.94	2.82 S	7.75 E	6.40	.41
GMS	1400.00	1.00	N 80.00 E	100.00	1399.93	2.33 S	9.42 E	6.84	.23
GMS	1500.00	1.00	N 67.00 E	100.00	1499.91	1.83 S	11.09 E	7.27	.23
6MS	1600.00	1.00	N 64.00 E	100.00	1599.90	1.11 5	12.67 E	7.47	.05
GMS	1700.00	1.00	N 82.00 E	100.00	1699.88	.60 S	14.34 E	7.89	.31
GMS	1800.00	.75	N 62.00 E	100.00	1799.87	.13 S	15.78 E	8.23 ⁻	.39
GMS	1900.00	1.00	N 78.00 E	100.00	1879.86	.39 N	17.21 E	8.52	.35
6MS	2000.00	.75	N 74.00 E	100.00	1999.85	.76 N	18.69 E	8.96	. 26

PAGE No. 2

DATADRIL

M.W.J. PRODUCING CO. BAUM STATE #F-2 LEA COUNTY, NEW MEXICO SW 1/4 OF SEC. 5, 14S, 33E

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	TYPE OF SURVEY	MEASURED Depth (FT)	INCL ANGLE (DEG)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T RECTANGULAR C	COORDINATES	VERTICAL SECTION (FT)	DOGLEG SEVERITY (DEG/100')
		,								,
	GMS	2100.00	.75	N 83.,00 E	100.00	2099.84	- 1.02 N	19.97 E	9.40	.12
	GMS .	2200.00	. 75	S 87.00 E	100.00	2199.83	1.07 N	21.28 E	10.03	.13
-	GMS	2300.00	.75	N 76.00 E	100.00	2299.82	1.19 N	22.58 E	10.59	.22
	GMS	2400.00	.75	S 64.00 E	100.00	2399.81	1.06 N	23.85 E	11.37	.51
	6MS	2500.00	1.00	N 86.00 E	100.00	2499.80	.77 N	25.34 E	12.37	.51
	6MS	2600.00	1.00	S 73.00 E	100.00	2599.79	.57 N	27.06 E	13.43	.36
	6MS	2700.00	.75	S 68.00 E	100.00	2699.77	.06 N	28.50 E	14.61	.26
	GMS	2800.00	.50	S 79.00 E	100.00	2799.77	25 S	29.54 E	15.41	.28
	GMS	2900.00	.50	S 79.00 E	100.00	2899.76	.41 S	30.40 E	15.99	0.00
	GMS	3000.00	.75	N 66.00 E	100.00	2999.76	.29 S	31.47 E	16.44	.45
•	6M5	3100.00	.25	S 37.00 E	100.00	3099.75		32.25 E	17.01	.74
	GMS	3200.00	.25	N 80.00 E	100.00	3199.75	.47 S	32.64 E	17.34	.26
	Ulia	3200100	.23	N 00100 C	100.00	31//1/3	.00 0	32107 E	1/104	.20
	GMS	3300.00	.50	N 86.00 E	100.00	3299.75	.57 S	33.29 E	17.61	.25
	GMS	3400.00	.50	S 84.00 E	100.00	3399.75	.58 S	34.16 E	18.07	.09
	GMS	3500.00	.50	Ñ 66.00 E	100.00	3499.74	.45 S	35.01 E	18.39	. 26
	GMS	3600.00	.50	N 76.00 E	100.00	3599.74	.16 S	35.83 E	18.57	.09
	GMS	3700.00	.25	S 61.00 E	100.00	3699.74	.25 S	36.47 E	18.97	.36
	6MS	3800.00	.25	N 81.00 E	100.00	3799.74	.32 S	36.89 E	19.25	.16
							÷			1
	6MS	3900.00	.25	N 51.00 E	100.00	3899.74	.14 5	37.28 E	19.30	.13
	GMS	4000.00	. 25	N 66.00 E	100.00	3999.73	.08 N	37.65 E	19.30	.07
	GMS	4100.00	.25	S 27.00 E	100.00	4099.73	.05 S	38.03 E	19.60	.34
	GMS	4200.00	. 25	S 65.00 E	100.00	4199.73	.35 S	38.33 E	20.02	.16
	6MS	4300.00	.50	S 63.00 E	100.00	4299.73	.63 S		20.57	. 25
MA	GNETIC MUL	TISHOT TO FO	OLLOW SII	GYRO			· · ·			
	MMS	4320.00	.75	S 48.00 E	20.00	4319.73	.76 S	39.10 E	20.77	1.48
	KMD	4444.66	4 00	ር 79 ለለ ር	04.00	AA17 70	1 05 0	40 00 E	22.40	77
	MMS	4414.00	1.00	S 32.00 E	94.00	4413.72	1.85 5	40.02 E	22.18	.37
	HMS	4508.00	2.00	S 26.00 E	94.00	4507.68	4.00 5	41.21 E	24.64	1.08
	MMS	4602.00	5.25	S 25.00 E	94.00	4601.48	9.37 S	43.77 E	30.55	3.46
	MMS	4696.00	6.00	S 27.00 E	94.00	4695.03	17.65 S	47.81 E	39.73	. 82 .
	MMS	4790.00	7.00	S 32.00 E	94.00	4788.42	26.91 S	53.05 E	50.36	1.22
	MMS	4884.00	8.25	S 34.00 E	94.00	4881.59	37.37 S	59.84 E	62.83	1.36

PAGE No. 3

DATADRIL

M.W.J. PRODUCING CO. BAUM STATE #F-2 LEA COUNTY, NEW MEXICO SN 1/4 OF SEC. 5, 14S, 33E

TYPE OF Survey	MEASURED Depth (FT)	INCL ANGLE (DEG)	DRIFT DIRECTION (DEG)	COURSE Length (FT)	TOTAL VERTICAL DEPTH		T A L COORDINATES T)	VERTICAL SECTION (FT)	DOGLEG SEVERITY (DEG/100')
MMS	4978.00	8.50	S 35.00 E	94.00	4974.59	48.65 S	67.60 E	76.49	.31
MMS	5072.00	10.00	S 37.00 E	94.00	5067.36	60.87 S	76.48 E	91.54	1.63
MMS	5166.00	11.00	S 40.00 E	94.00	5159.79	74.28 5	87.14 E	108.52	1.21
MMS	5260.00	11.50	S 40.00 E	94.00	5251.98	88.33 \$	98.93 E	126.63	.53
MMS	5354.00	11.50	S 43.00 E	94.00	5344.10	102.36 S	111.34 E	145.06	.64
MMS	5448.00	11.00	\$ 35.00 E	94.00	5436.29	116.60 S	122.88 E	163.20	1.74
MMS	5542.00	11.00	S 23.00 E	94.00	5528.56	132.26 S	131.56 E	181.09	2.43
MMS	5636.00	12.75	S 18.00 E	94.00	5620.55	150.37 5	138.33 E	200.11	2.16
MMS	5730.00	14.00	S 18.00 E	94.00	5712.00	171.05 S	145.05 E	221.30	1.33
MMS	5824.00	14.50	S 19.00 E	94.00	5803.10	192.99 5	152.39 E	243.89	.59
MMS	5918.00	15.50	S 21.00 E	94.00	5893.90	215.85 S	160.71 E	267.77	1.20
MMS	6012.00	16.50	S 21.00 E	94.00	5984.26	240.04 S	169.99 E	293.29	1.06
MMS	6106.00	17.50	S 23.00 E	94.00	6074.15	265.52 S	180.29 E	320.44	1.23
MMS	6200.00	18.00	S 24.00 E	94.00	6163.67	291.80 5	191.72 E	348.85	.62
MMS	6294.00	18.50	S 26.00 E	94.00	6252.94	318.48 S	204.16 E	378.13	.85
MMS	6388.00	19.50	S 28.00 E	94.00	6341.B2	345.75 S	218.05 E	408.66	1.27
MMS	6482.00	21.00	S 29.00 E	94.00	6430.01	374.34 S	233.57 E	441.16	1.64
MMS	6576.00	21.00	S 30.00 E	94.00	6517.77	403.66 S	250.16 E	474.84	.38
MMS	6670.00	20.25	S 30.00 E	94.00	6605.74	432.33 S	266.72 E	507.94	.80
MMS	6764.00	20.00	S 30.00 E	94.00	6694.00	460.34 5	282.89 E	540.28	.27
MMS	6858.00	20.00	S 30.00 E	94.00	6782.33	488.18 S	298.96 E	572.43	0.00
MMS	6952.00	19.50	S 29.00 E	94:00	6870.80	515.83 S	314.60 E	604.18	.64
MMS	7046.00	18.50	S 2B.00 E	94.00	6959.68	542.72 S	329.21 E	634.76	1.12
MMS	7140.00	18.00	S 27.00 E	94.00	7048.95	568.83 S	342.80 E	664.14	.63
MMS	7234.00	18.00	S 25.00 E	94.00	7138.35	594.94 S	355.53 E	693.08	.66
MMS	732B.00	18.25	S 25.00 E	94.00	7227.69	621.44 5	367.89 E	722.16	.27
MMS	7422.00	18.75	S 25.00 E	94.00	7316.83	648.47 S	380.49 E	751.83	.53
MMS	7516.00	19.50	S 25.00 E	94.00	7405.64	676.39 S	393.51 E	782.46	.80
MMS	7610.00	20.00	S 25.00 E	94.00	7494.11	705.17 S	406.93 E	814.05	53
MMS	7704.00	21.00	S 26.00 E	94.00	7582.16	734.89 S	421.11 E	846.82	1.13
MMS	7798.00	21.25	S 26.00 E	94.00	7669.84	765.34 S	435.96 E	880.57	.27
MMS	7892.00	20.75	S 26.00 E	94.00	7757.60	795.61 S	450.72 E	914.13	.53
HMS	7986.00	21.00	S 25.00 E	94.00	7845.42	825.84 S	465.14 E	947.47	.46

PAGE No. 4

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H.W.J	. PRODUCING	CO.
MIIAR	STATE BE-2	

LEA COUNTY, NEW MEXICO SW 1/4 OF SEC. 5, 145, 33E

TYPE OF Survey	MEASURED DEPTH (FT)	INCL ANGLE (DEB)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T Rectangular (FT)	COORDINATES /	VERTICAL SECTION (FT)	DOGLEG SEVERITY (DEG/100')
MMS	8080.00	21.00	S 25.00 E	94.00	7933.18	856.37 S	479.38 E	980.98	0.00
MMS	B174.00	21.50	S 24.00 E	94.00	8020.79	887.38 S	493.51 E	1014.83	.66
MMS	8268.00	21.75	S 23.00 E	94.00	8108.17	919.14 S	507.32 E	1049.18	. 47
MMS	8362.00	22.50	S 24.00 E	94.00	8195.25	951.61 S	521.44 E	1084.28	.89
MMS	8456.00	23.00	S 24.00 E	94.00	8281.94	984.82 5	536.22 E	1120.36	.53
MMS	8550.00	23.75	S 24.00 E	94.00	8368.22	1018.89 S	551.39 E	1157.38	.80
MMS	8644.00	25.00	S 24.00 E	94.00	8453.84	1054.33 5	567.17 E	1195.89	1.33
MMS	8738.00	25.25	S 24.00 E	94.00	8538.95	1090.79 S	583.40 E	1235.51	.27
MMS	8832.00	25.00	S 24.00 E	94.00	8624.05	1127.25 S	599.64 E	1275.12	.27
MMS	8926.00	25.00	S 24.00 E	94.00	8709.25	1163.54 S	615.80 E	1314.56	0.00
MMS	9020.00	25.00	S 24.00 E	94.00	8794.44	1199.83 S	631.95 E	1353,99	0.00
MMS	9114.00	25.25	S 23.00 E	94.00	8879.55	1236.43 S	647.87 E	1393.57	.52
MMS	9208.00	25.00	S 23.00 E	94.00	8964.65	1273.17 S	663.46 E	1433.09	.27
MMS	9302.00	22.50	S 22.00 E	94.00	9050.68	1308.15 S	677.95 E	1470.54	2.69
MMS	9396.00	20.50	S 21.00 E	94.00	9138.14	1340.20 S	690.58 E	1504.52	2.16
MMS	9490.00	19.00	S 19.00 E	94.00	9226.61	1370.04 S	701.44 E	1535.70	1.75
MMS	9584.00	19.50	S 19.00 E	94.00	9315.35	1399.35 8	711.53 E	1566.02	.53
MMS	9674.00	19.50	S 18.00 E	90.00	9400.19	1427.84 S	721.06 E	1595.35	.37
MMS	9772.00	20.25	S 20.00 E	98.00	9492.35	1459.34 S	731.91 E	1627.94	1.03
MMS	9866.00	20.25	S 21.00 E	94.00	9580.54	1489.81 S	743.30 E	1659.94	.37
MMS	9960.00	21.50	S 20.00 E	94.00	9668.37	1521.18 S	755.03 E	1692.87	1.38
MMS	10054.00	21.25	S 19.00 E	94.00	9755.90	1553.48 S	766.47 E	1726.45	.47
MMS	10148.00	21.00	S 18.00 E	94.00	9843.59	1585.61 S	777.22 E	1759.53	.47
MMS	10242.00	21.00	S 17.00 E	94.00	9931.34	1617.73 S	787.35 E	1792.29	.38
FOLLOWI	NG SURVEY IS	A PROJECT	rion '						
PROJ	10377.00	21.00	S 17.00 E	135.00	10057.38	1664.00 S	801.49 E	1839.24	0.00
				•		•	•		

BOTTOM HOLE CLOSURE:

THE

1846.96 Feet at S 25.72 Degrees E

M.W.J. PRODUCING CO. BAUM STATE #F-2 LEA COUNTY, NEW MEXICO SW 1/4 OF SEC. 5, 145, 33E

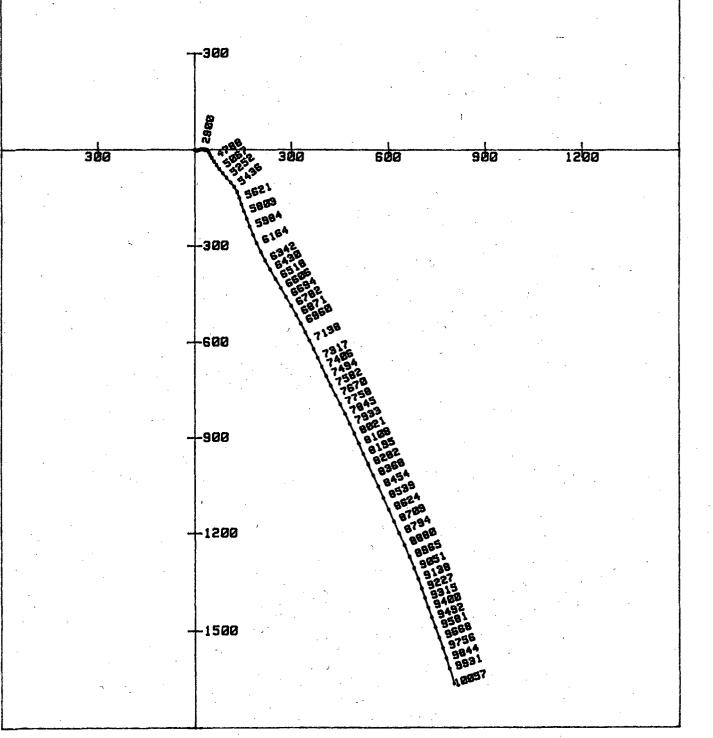
)/ASTAIDIRIL

1 MAY 1989 @ 10:56

HORIZONTAL PLOT

SCALE: 300 FEET/INCH

BHL: 1847 FEET @ S 25.72 E TVD:10057 FEET MD: 10377 FEET

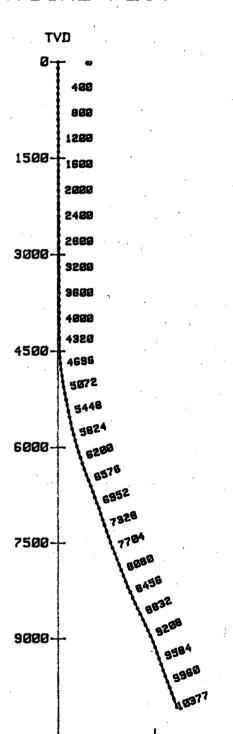


M.W.J. PROBUCING CO. BAUM STATE #F-2 LEA COUNTY, NEW MEXICO SW 1/4 OF SEC. 5, 145, 33E 1 MAY 1989 @ 11:41

DATADRIL

SCALE: 1500 FEET/INCH

VERTICAL PLOT



4000 5500 7000 BHL: 1847 FEET

e S 25.72 E TVD:10057 FEET MD: 10377 FEET

VERTICAL SECTION SECTION PLANE: S 30.96 E

500

1000

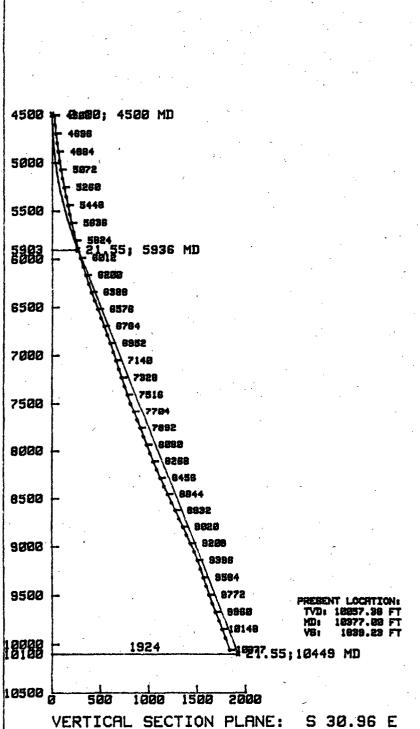
2500

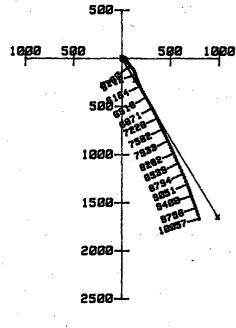
M.W.J. PRODUCING BAUM "F" #1 LEA COUNTY, NEW MEXICO SW 1/4 OF SEC. 5 145, 33E

DATAPRIL

1 MAY 1989 @ 12:07

VERTICAL PLANE SCALE: 500 FEET/DIVISION HORIZONTAL PLANE SCALE: 500 FEET/DIVISION







Smith International Inc.

SURVEY CERTIFICATION

COMPANY MWJ PRODUCING COMPANY	WELL NAME & NO.	BAUM STATE # F-2
DATE of CERTIFICATION 03-31-89	LOCATION _	LEA COUNTY, NEW MEXICO
TYPE of SURVEY GYROSCOPIC MULTISHOT	FROM SURFACE	TO 4300
JOB NUMBER1166890005	TICKET NUMBER	27070
THE ABOVE SURVEY WAS PERFORMED BY ME ON THE RESULTS OBTAINED FROM ACTUAL FIELD D	ATA CONFORM TO E	19 89 ESTABLISHED STANDARDS AND ARE
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	NSFER RECEIPT	
I HEREBY ACKNOWLEDGE RECEIPT OF ORIGINAL	FILM OBTAINED O	ON THE ABOVE SURVEY.
	DATE RECEIVED	19
SITUFY	COMPANY REPRESE	NTATIVE
I HAVE EXAMINED THE ABOVE SURVEY AND FOU TO CURRENT SMITH DRILLING SYSTEMS STANDA THOMAS WRIGHT /	ND THE DATA AND	RESULTS ACCEPTABLE ACCORDING

MEXICO OIL CONSERVATION COMMISS WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Superordeo C-128 Elloctivo 14-65

MWJ PRODUC	ING COMPANY		Lecoe BAU	M	STATE		Well No.	
Unit Letter Sect		South	Range 33	East	County			
	of Wells West	line and	660		et from the	South	line	
Ground Level Elev. 4266.3'	Producing Formation Upper Penn		Pool Baum	Upper	Penn		Dedicated Acresque	Acres
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dated by commu	initization, unitization	n, force-pooling	ng. etc?	HIC MOIL	HEVE SHO	intercoto v.	all amucia beel	COUPOII-
Yes	No If answer is	"yes: type of	l consolidat	ion	ç	<u></u>		
• •	o," list the owners a	nd tract descr	riptions whi	ch have a	ctually be	ea consolida ea :	ted. (Use revers	e side of
. No allowable wi	ll be assigned to the	well until all	interests he	ave been	consolida	ted (by comm	nunitization. un	itization.
sion.	or otherwise) or until a	non-stangarg	unit, elimi	nating suc	h interes	s, has been	approved by the	Commis-
	i I	:	544			antigy"	CERTIFICATION	
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	 	/D	-	 -			rexler	
	1		! !		`	Agent		·
·	Present Surface	160		***		MWJ PROI	OUCING COMPA	NY
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						Convicate No	676	,

BAUM-UPPER PENNSYLVANIAN POOL (Formerly Baum-Wolfcamp Pool) Lea County, New Mexico

Order No. R-3368-A, Redesignating and Adopting Operating Rules for the Baum-Upper Pennsylvanian Pool, Lea County, New Mexico, June 1, 1968.

Order No. R-3368-A supersedes Order No. R-3368, adopting temporary operating rules for the Baum-Wolfcamp Pool, January 22, 1968.

Application of Coastal States Gas Producing Company for an Amendment to Order No. R-3368, Lea County, New Mexico.

> CASE NO. 3701 Order No. R-3368-A

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 8 a.m. on May 22, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 29th day of May, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That by Order No. R-3368, dated January 22, 1968 temporary Special Rules and Regulations were promulgated for the Baum-Wolfcamp Pool, Lea County, New Mexico, providing for 80-acre spacing units, limited well locations, and an 80-acre proportional factor of 4.77 for allowable purposes, and providing that said temporary rules be reconsidered at an examiner hearing in January, 1969.
- (3) That the applicant, Coastal States Gas Producing Company, seeks amendment of the temporary Special Rules and Regulations promulgated by Order No. R-3368 to provide for 160-acre spacing units with the assignment of 80-acre allowables.

(4) That the applicant also seeks to have said rules and regulations, as proposed, made permanent.

(5) That a number of wells have been completed in the subject pool subsequent to the issuance of Order No. R-3368.

- (6) That the additional evidence concerning the characteristics of the subject reservoir gained as a result of said completions establishes that one well in the pool can efficiently and economically drain and develop 160 acres.
- That the additional evidence presented indicates that the establishment of 160-acre spacing units and an 80-acre pro-portional factor of 4.77 for allowable purposes is warranted.

(8) That the Special Rules and Regulations promulgated by Order No. R-3368, as amended by this order, will afford to the owner of each property in the pool the opportunity to produce

- his just and equitable share of the oil in the pool.

 (9) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, the Special Rules and Regulations promulgated by Order No. R-3368, as amended by this order, should be continued in full force and effect until further order of the Commission.
- (10) That the aforementioned additional evidence also establishes that the subject pool is producing from the Upper Pennsylvanian formation rather than the Wolfcamp formation.
- (11) That the subject pool should be redesignated the Baum-Upper Pennsylvanian Pool.

IT IS THEREFORE ORDERED:

- (1) That, effective June 1, 1968, Order (a) of Order No. R-675-A, Order (a) of Order No. R-914, Order (e) of Order No. R-3367, and Order (a) of Order No. R-3389 are hereby amended by deleting therefrom the word "Wolfcamp" wherever it appears and substituting in lieu thereof the words "Upper Pennsylvanian."
- That the Special Rules and Regulations governing the Baum-Wolfcamp Pool, Lea County, New Mexico, promulgated by Order No. R-3368, are hereby amended to read in their entire-ty as follows, effective June 1, 1968:

SPECIAL RULES AND REGULATIONS FOR THE BAUM-UPPER PENNSYLVANIAN POOL

RULE 1. Each well completed or recompleted in the Baum-Upper Pennsylvanian Pool or in the Upper Pennsylvanian formation within one mile thereof, and not nearer to or within the limits of another designated Upper Pennsylvanian oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 160 acres, more or less, substantially in the form of a square, which is a quarter section being a legal subdivision of

the United States Public Land Surveys.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice

(BAUM-UPPER PENNSYLVANIAN POOL - Cont'd.)

and hearing when an application has been filed for a non-standard unit consisting of less than 160 acres or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (158 through 162 acres) shall be assigned an 80-acre proportional factor of 4.77 for allowable purposes, and in the event there is more than one well on a 160-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 160 acres.

IT IS FURTHER ORDERED:

- (1) That the locations of all wells presently drilling to or completed in the Baum-Upper Pennsylvanian Pool or in the Upper Pennsylvanian formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before June 1, 1968.
- (2) That each well presently drilling to or completed in the Baum-Upper Pennsylvanian Pool or in the Upper Pennsylvanian formation within one mile thereof shall, after June 1, 1968, receive an allowable in the same proportion to a standard 160-acre allowable for the pool as the acreage presently dedicated to the well bears to 160 acres, until Form C-102 dedicating 160 acres to the well has been filed with the Commission, or until a non-standard unit containing less than 160 acres has been approved.
- (3) That Order No. R-3368 entered by the Commission on January 22, 1968, is hereby superseded.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

NORTH SHIPROCK-DAKOTA POOL San Juan County, New Mexico

Order No. R-3408, Adopting Operating Rules for the North Shiprock-Dakota Pool, San Juan County, New Mexico, April 29, 1968.

Application of Dugan Production Corporation for the Creation of an Oil Pool and for Special Pool Rules, San Juan County, New Mexico.

CASE NO. 3755 Order No. R-3408

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on April 24, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 29th day of April, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises.

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Dugan Production Corporation, seeks the creation of a new oil pool for Dakota production in San Juan County, New Mexico, and the establishment of special pool rules therefor providing for development on 2-1/2-acre spacing with a provision that each 40-acre tract be subject to a single Northwest New Mexico normal unit allowable.
- (3) That the Thomas A. Dugan Shiprock Well No. 1, located in Unit B of Section 14, Township 30 North, Range 18 West, NMPM, San Juan County, New Mexico, has discovered a separate common source of supply which should be designated the North Shiprock-Dakota Oil Pool; that the vertical limits of said pool should be Dakota formation, and that the horizontal limits of said pool should be the NE/4 of said Section 14.



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

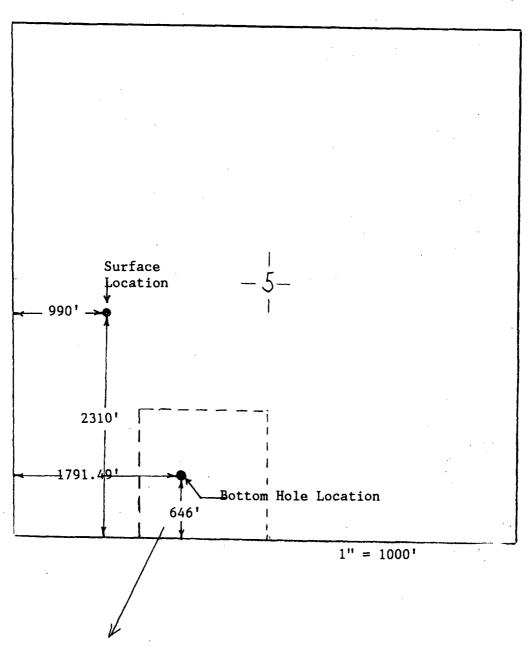
GARREY CARRUTHERS
GOVERNOR

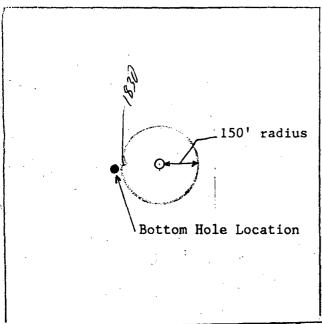
/ed

5-3-89

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	
RE: Proposed: MC DHC NSL NSP SWD WFX PMX	
Gentlemen:	
I have examined the application for the: mwl Prod-Co. Baum It #2-1	5-14-33
Operato# Lease & Well No. Unit	S-T-R
and my recommendations are as follows:	
Jerry Sexton	MAY - 8 1989 DIL CONSERVATION DIV. SANTA FE





1" = 400'

1980

MWJ PRODUCING COMPANY

BAUM STATE #2

Sec 5, T-14S, R-33E

Lea County, New Mexico

K-3138

DD25

5/2/89

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE HOO MIDLAND, TEXAS 79701 TELEPHONE (BIS) 682-5216

June 6, 1989

RECEIVED

SEP 22 1989

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

Attn: Mike Stogner

OIL CONSERVATION DIV. SANTA FE

RE: Administrative Order

Number DD-25

Dear Mike:

As per your request, enclosed please find a copy of the letter that was sent to Union Pacific Resources and Coastal Oil & Gas, the two offset operators of the Baum State #2.

If any additional information is needed, please contact either Stan or myself.

Very truly yours,

MWJ PRODUCING COMPANY

Pat Drexler

/pd

Encl.

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

June 5, 1989

TO: Offset Operators

RE: MWJ-Baum State #2
Administrative Order No. DD-25
SW/4 Sec 5, T-14S, R-33E
Lea County, New Mexico

Gentlemen:

MWJ proposed to plug back and directionally drill the captioned well to a new bottomhole location of 1980' FWL & 660' FSL of Section 5. The surface location was 990' FWL & 2310' FSL. The whipstock was applied for and approved by the New Mexico Oil Conservation Division with no objections from offset operators.

The well was directionally drilled to a measured depth of 10,377', with a bottomhole location of 1791.49' FWL and 646.0' FSL, or roughly 200' west of our proposed bottomhole location. This letter will serve as notification to all offset operators of the bottomhole location of the Baum State #2. Approval as an unorthodox location by the New Mexico OCD is pending.

If you should have any questions concerning this matter, please contact me.

Very truly yours,

MWJ PRODUCING COMPANY

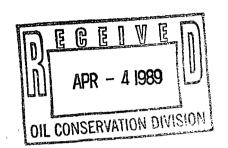
Stan Venable

SV/pd

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

March 30, 1989



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

Attn: Mike Stogner

RE: MWJ-Baum State #2 (K-3138) Administrative Order DD-25 Sec 5, T-14S, R-33E Lea County, New Mexico

Gentlemen:

Enclosed please find the original waiver letters for the above captioned. I am also enclosing a copy of the amended C-101 that shows the correct well name.

I do appreciate the prompt attention that was given in issuing this permit.

Very truly yours,

MWJ PRODUCING COMPANY

Pat Drexler

pd Enclosures

REDITETERS

cc: Oil Conservation Division Hobbs, New Mexico

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

March 15, 1989

Coastal Oil & Gas Corporation P. O. Box 235
Midland, Toxas 79702
211 N. Robinson, Ste 1700
OKID. City, OKID. 73102

RE: MWJ-Baum "F" State #1 990' FWL & 2310' FSL Sec 5, T-14S, R-33E Lea County, New Mexico Baum Upper Penn Field

Gentlemen:

MWJ proposes the sidetrack drilling of the above captioned well to a new bottom hole location of 1980' FWL and 660' FSL, Sec 5, T-14S, R-33E, Lea County, New Mexico.

If you have no objection to our proposal, please execute in the space provided below and return three copies of this letter to our office. We appreciate your prompt attention.

Very truly yours,

MWJ PRODUCING COMPANY

Pat Drexler

pd

COASTAL OIL & GAS CORPORATION has no objection to the sidetrack drilling of the proposed well.

By Lander

Date 21 March 89

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100 MIDLAND, TEXAS 79701 TELEPHONE (818) 682-6216 March 15, 1989

Union Pacific Resources Company P. O. Box 7 MS3306 Fort Worth, Texas 76101-0007

RE: MWJ-Baum "F" State #1
990' FWL & 2310' FSL
Sec 5, T-145, R-33E
Lea County, New Mexico
Baum Upper Penn Field

Gentlemen:

MWJ proposes the sidetrack drilling of the above captioned well to a new bottom hole location of 1980' FWL and 660' FSL, Sec 5, T-14S, R-33E, Lea County, New Mexico.

If you have no objection to our proposal, please execute in the space provided below and return three copies of this letter to our office. We appreciate your prompt attention.

Very truly yours,

Jat Wreplu

Pat Drexler

pd

UNION PACIFIC RESOURCES COMPANY has no objection to the sidetrack drilling of the proposed well.

Title Regulatory Manager

Date March 15, 1989

NEW MEXICO OIL CONSERVATION COMMISSION Form C-101										
SANTA FE	11	IAC III	MEXICO OIL CONS	ERVATION C	JMM1331OF	•	Form C-101 Revised 1-1-6	55		
FILE	1			•			5A. Indicate	Type of Lease		
u.s.g.s.							STATE &	X FEE		
LAND OFFICE								& Gas Lease No.		
OPERATOR					•		K-31	.38		
APPLICATIO	N FOD D	EDMIT TO	DRILL, DEEPEN	·	NCK					
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			Drill Direc	clonal		रहत	·			
b. Type of Well DRILL			DEEPEN		PLUG B	BACK XX	8, Farm or L	ease Name		
OIL X GAS	OIL X GAS SINGLE SINGLE MULTIPLE Baum State									
2. Name of Operator			· · · · · · · · · · · · · · · · · · ·	ZONE	····	ZONE L.	9. Well No.			
MWJ PRODUCING	COMPAN	Y					2			
3. Address of Operator 400 W. Illinois - Suite 1100 Midland, Texas 79701 10. Field and Pool, or Wildcat Baum Upper Penn										
4. Location of Well T 0000										
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AND FEET FROM	S S	outh 🔣	E OF SEC	TWP. 14S	RGE. 3	3E NMPM				
	THÀ	ÏIIIII.	ımınınını	mm	TÜÜL	TITITI	12. County			
	111111	((((((Lea			
AHHHHHH	HHH.	HHH		19. Proposed D		9A. Formation	,	20. Rotary or C.T.		
				10,500)'	Penn		Rotary		
21. Elevations (Show whether DF,	RT, etc.)	21A. Kind	& Status Plug. Bond	21B. Drilling C	ontractor		22. Approx. Date Work will start			
4266' GL		Blanke	et/current	Norton D	rilli	ng	4/1/8	9		
23. PROPOSED CASING AND CEMENT PROGRAM										
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FOO	T SETTING	DEPTH	SACKS OF	CEMENT	EST. TOP		
* 17-1/4"	13-3/	8"	48#	362'		400		surface		
* 11"	8-5/8	8"	24# & 32#	4074'		300		3440'		
7-7/8"	5-1/2	2"	17#	10600'		450		9500'		
The Baum State #2				al with	respec	t to p	roduct	ion from the		
Baum Upper Penn a	it this	s locat	ion.							
PROPOSED PROCEDUR	₹E:									
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2. Cut off and p										
	plug a	at the	5-1/2" cuto	off suffi	cient	to ser	ve as	the Whipstock,		
plug.										
								point located		
1980' FWL & 6					a Cour	nty, Ne	w Mexic	20.		
5. Run, set and										
6. Smith Interna	itiona.	r MITI	do Directio	nai Surv	eys.			•		
*Original casing	set in	n Baum	State #2							
Amended to show p	roner	name a	nd correct	denths	of 13-	.3/8" £	8-5/8	" casing.		
IN ABOVE SPACE DESCRIBE PR	OPOSED PE	ROGRAM: IF								
I hereby certify that the information	ER PROGRAM,	, IF ANY.	<u> </u>					·		
710	1.01	1		~			2 /	20/00		
Signed TWY	rep	<u>w</u> _	Tule Pat Dre	xler-Age	nt		Date	30/89		
(This space for S	State Use)						- <u>-</u>			
(I mad a pade for e										
ADDROUGD BY			T171 E				DATE	•		

CONDITIONS OF APPROVAL, IF ANY:

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

2001 SVOCCALLED BY THE OIL CONSERVATION HET STANKED BOLL SO AL NO COMMISSION OF NEW MEXICO FOR Liew a codd no big code .o.tol.THE PURPOSE OF CONSIDERING: Troup bish to the transport peaker ultimate recovery of oil from the pool.

Iliw noidspot woboddaonu beengead end le Isvouggs de Order No. R-4038 not visiote correlative rights and will afford the applicant the Lio 9 APPLICATION OF MWJ PRODUCING COMPANY UDORG OF VILLULADGO from the subject pool NOITAOL LIBW 110, XODOHTRONU NA ROT tisk the drilling of unnecessary wells. OSIXEM WEN TRIUD AND LIBY of risk arising from the drilling of an excessive number of walls, and optional ad prevent waste.

ORDER OF THE COMMISSION

IT IS THEREFORE ORDERED:

BY THE COMMISSION:

(1) That the applicant, NWJ Producing Company, is hereby end no add This cause came on for hearing at 19 ca.m., on September 30, 1970, .cat :Santa Fe De New Mexico Me before Examiner Daniel S. Nutter.

no second and in bereby authorized to drill an oil wall at an deel 000 beNOW, Consthis 6th and day of October, 1970, the Commission, a Es equorum: being present, whaving considered the testimony, the record, and the recommendations of the Examiner and being fully advised in the premises,

(2) That jurisdiction of this cause is retained for the optic of sugh further orders as the Commissio: ZONITisem necess

- That due public notice having been given as required by evodenterelaw, othe Commission has jurisdiction of this cause and the subject matter thereof. . Widown I non
 - That the applicant, MWJ Producing Company, seeks an exception to Rule 4 of the Special Rules and Regulations governingwithe Baum-UppersPennsylvanian Pool, as promulgated by Order No. R-3368-A, to permit the drilling of an oil well at an unorthodox location 2310 feet from the South line and 990 feet from the West line of Section 5, Township 14 South, Range 33 East, NMPM, Lea County, New Mexico.
 - (3) That the SW/4 of said Section 5 would be dedicated to A. L. PORTOR, JE., Memoria & Educatery
 - That mechanical problems caused the abandonment of a producing oil well at a standard location in the NW/4 SW/4 of said Section 5.
 - That a well drilled at the proposed non-standard location in the NW/4 SW/4 of said Section 5 will avoid the damaged

CASE No. 4432 WOLLAWRISHOD ALO THE BROWNS OF THE TO STATE THE TO

hole of the previously drilled well and is more likely to encounter more of the Baum-Upper Pennsylvanian producing section above 100% water saturation then a well drilled at a standard location in another quarter of said quarter section and should, therefore, result in greater ultimate recovery of oil from the pool.

not violate correlative rights and will afford the applicant the opportunity to produce its just and equitable share of the oil from the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste.

ORDER OF THE COMMISSION

IT IS THEREFORE ORDERED:

IN THE COMMISSION:

- (1) That the applicant, MWJ Producing Company, is hereby Over the granted an exception to the well location requirements of the Baum-Upper Pennsylvanian Pool, as promulgated by Order No.

 R-3368-A, and is hereby authorized to drill an oil well at an action unorthodox location 2310 feet from the South line and 990 feet from the West line of Section 5, Township 14 South, Range 33 has type East, NMPM, Lea County, New Mexico to the branches of the form
 - (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.
 - yd berimper en gerig med palvyd esiden atldeg oub delp (1)

 designated.

 New Mexico; fontthe day and year hereinabove
 designated.
 - (2) That the applicant, Ell parting Company, stake and exception to its a general insurance of the company of the state of the content of the
 - of bedaching ad bluck ; neither seating, Member (F)

A. L. PORTER, Jr., Member & Secretary

- room in ear/10 una fonegong photos I 11 left Livre down (v) 14 on the una/4 Sel 1 of noted Section 5 will result; it of demagned

mike



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

MAR 24 IOU CONSERVATION DIVISION SANTA FE

POST OFFICE BOX 1980 HOBBS, NEW MEXICO (BB241) 1980 (505) 393-6161

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 RE: Proposed:

MC DHC NSL

NSP	* ·			
SWD				•
WFX				
PMX				
Gentlemen:			·	
I have examined the app	lication for the:	•		
mwy Prod. Co. Operator	Baum	State	<u>#2- </u>	5-14-33
Operator	Lease & Well No	. Unit S-	Γ-R	
and my recommendations	are as follows:			
ar)				·
Note: This we	Il was drilled	as the E	Baum F S	+#1
Yours very truly Le	s changed 7	to the B	aum st #	12 IN 1971.
Yours very truly Le	THER will be	forth comin	vg from mi	wy showing
	irrect lease	Name + w	ell No.	- 1
Jarrysler	•		E	· veig N

D.D.

Jerry Sexton

Supervisor, District 1

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
June 6, 1989



JUN 1 2 1989

OIL CONSERVATION DIV. SANTA FE

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

Attn: Mike Stogner

RE: Administrative Order Number DD-25

Dear Mike:

As per your request, enclosed please find a copy of the letter that was sent to Union Pacific Resources and Coastal Oil & Gas, the two offset operators of the Baum State #2.

If any additional information is needed, please contact either Stan or myself.

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Very truly yours,

MWJ PRODUCING COMPANY

Pat Drexler

/pd

Encl.

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OIL CONSERVATION DIV. SENTA FE

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

June 5, 1989

TO: Offset Operators

RE: MWJ-Baum State #2
Administrative Order No. DD-25
SW/4 Sec 5, T-14S, R-33E
Lea County, New Mexico

Gentlemen:

MWJ proposed to plug back and directionally drill the captioned well to a new bottomhole location of 1980' FWL & 660' FSL of Section 5. The surface location was 990' FWL & 2310' FSL. The whipstock was applied for and approved by the New Mexico Oil Conservation Division with no objections from offset operators.

The well was directionally drilled to a measured depth of 10,377', with a bottomhole location of 1791.49' FWL and 646.0' FSL, or roughly 200' west of our proposed bottomhole location. This letter will serve as notification to all offset operators of the bottomhole location of the Baum State #2. Approval as an unorthodox location by the New Mexico OCD is pending.

If you should have any questions concerning this matter, please contact me.

Very truly yours,

MWJ PRODUCING COMPANY

Stan Venable

SV/pd

PARTY PE AUTHORIZATION TO TRANSPORT OIL AND NATURAL CAST TO CHARGE STORE STORE

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

October 27, 1989

MWJ Producing Company 400 West Illinois Suite 1100 Midland, TX 79701

Attention: Stan Venable

Amended Administrative Order DD-25(NSL)

Dear Mr. Venable:

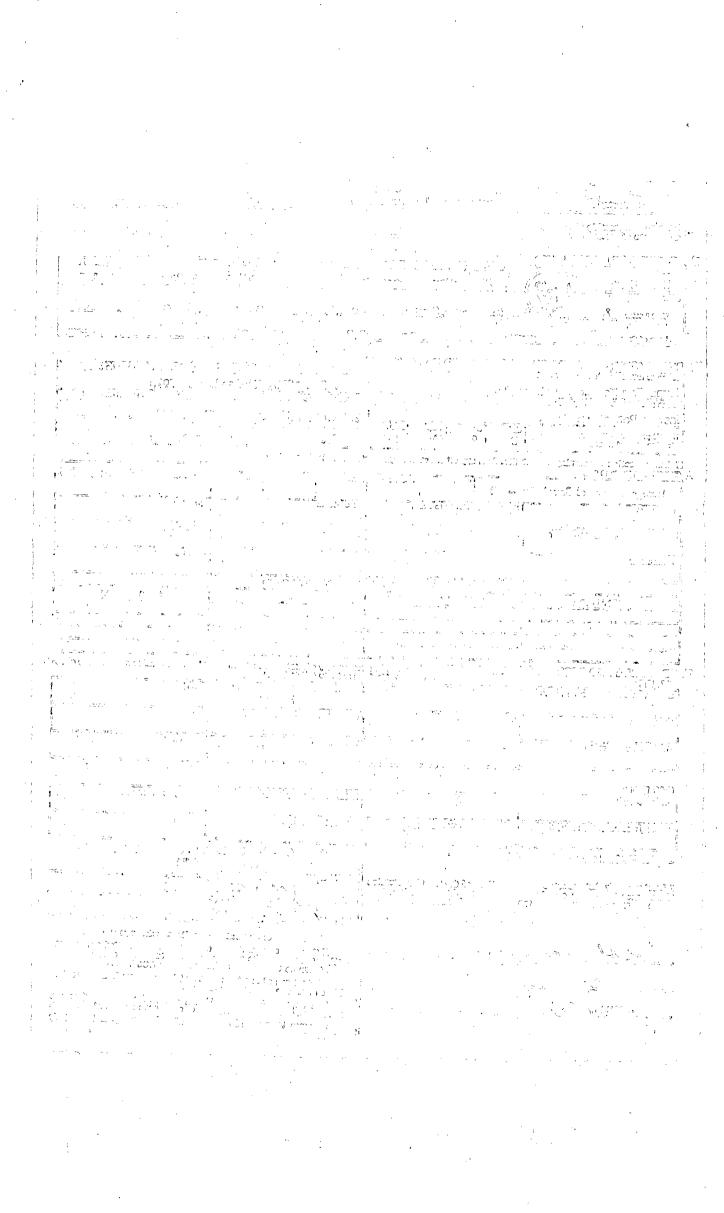
Reference is made to your application dated May 2, 1989 requesting an amendment to Administrative Order DD-25, dated March 27, 1989, to properly reflect the actual bottomhole location for the Baum "F" State Well No. 2 in the Baum Upper Pennsylvanian Pool.

It is our understanding that the subject well was drilled to a total depth of 10,377 and a multi-shot directional survey was run, which indicates that the actual bottomhole location is 646 feet from the South line and 1791.5 feet from the West line (Unit N) of Section 5, Township 14 South, Range 33 East, NMPM, Lea County, New Mexico. This bottomhole location exceeds the limits prescribed by the original order DD-25 and is also an unorthodox oil well location for said pool.

The Division at this time finds that the applicant has made proper notification to all offset operators pursuant to General Rule 111(e) and 104.(F)IV and Rule 5 of the Special Rules and Regulations for the Baum-Upper Pennsylvanian Pool, as promulgated by Division Order No. R-3368-A, and no objections from any offsets were received.

Therefore, Division Administrative Order DD-25 is hereby amended to properly reflect the actual bottomhole location for the applicant's Baum "F" State Well No. 2, being an unorthodox oil well location for the Baum-Upper Pennsylvanian Pool, be 646 feet from the South line and 1791.5 feet from the West line (Unit N) of said Section 5.

All other provisions of said original order DD-25 shall remain in full force and effect until further notice.



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NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Parm C-198

Supercodite Old C-108 and C-118
Effective 1-1-85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or despende well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be separted. For multiple completions, Items 30 through 34 shall be reported by each zone. The form is to be filed in quintuplicate except on state land, where six copies are require! (see Hule 1105.

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	15. Elevation (Show when		12. County
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PULL OR ALTER GASING	ENANCE PLANO [CABING TEST AND CEMENT AGE TO STREE	
17. Describe Proposed or Completed Ope work) SEE RULE 1703.	erations (Clearly state all pertinent	t detaile, and give pertinent dates, including	; estimated dote of esurting any proposed
Cemented w/200 ex Clar 11-8-70 (MST) WOC 1	iss "H", 4% gel and 100	2 and 24 lb., N-80 & K-55, 00 sr Class "H", 2% CaCl2. 3 to .^00 psi for 30 minute	Plug down @ 11:30 a.m.
V1 40			
page 1			
16. I hereby curify that the information o	shove is true and complete to the be	est of my knowledge and belief.	
- Fol blede	Con_ 11768_	engineer	NOVEMBER 10, 197
Land la		SUPERVISOR DISTRICE	NOV 16 1970

Spudded 17 1/2" hole @ 6:00 a.m. 11-2-70. Drilled to 365'. Set 13 3/ ST&C casing @ 362' and cemented w/400 sx regular neat, 2% CaCl. Cemen Plug down 5:30 a.m. 11-3-70. WOC 18 hrs. Tested casing to 1000 psi f Test OK. Location Exception: Case No. 4432 Order No. R-4038 Dated October 6, 1970 I bereby certify that the information shows is true and complete to the best of my knowledge and belief. Supply Complete Com	t circulated.
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MWJ PRODUCING COMPANY	BAUM "F"
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(DO NOT USE THIS FOR PROPOSALS TO BRILL OF TO DEFRE OF PLUS BARE TO A DIFFERENT RESERVOIR.	7, Unit Agreement Name
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MEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Pero C-479 Separation C-131 Elization 14-45

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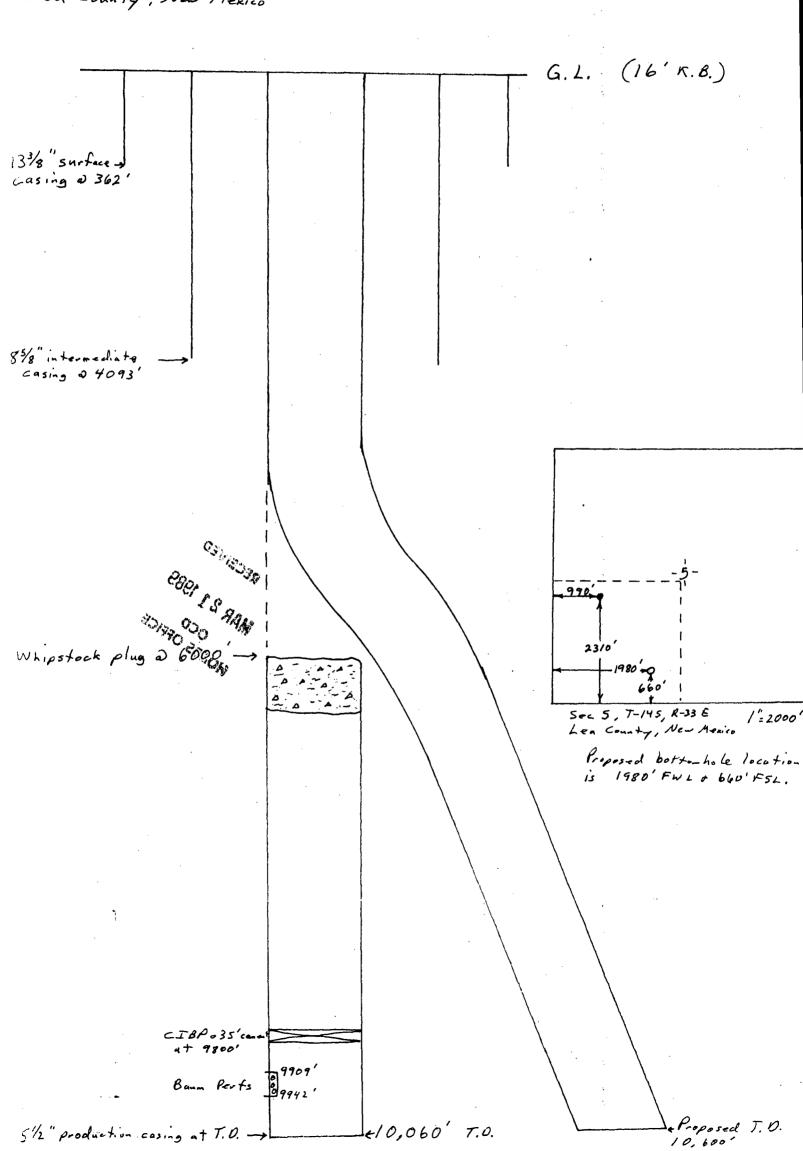
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MWJ Producing Company
Baum F State 2/
990' FWL + 2310' FSL
5-145-33 E
Lea County, New Mexico



CANIDA COO SARON

MWJ PRODUCING COMPANY

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
March 15, 1989

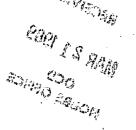
Union Pacific Resources Company P. O. Box 7 MS3306 Fort Worth, Texas 76101-0007

RE: MWJ-Baum "F" State #1 990' FWL & 2310' FSL Sec 5, T-14S, R-33E Lea County, New Mexico Baum Upper Penn Field

Gentlemen:

MWJ proposes the sidetrack drilling of the above captioned well to a new bottom hole location of 1980' FWL and 660' FSL, Sec 5, T-14S, R-33E, Lea County, New Mexico.

If you have no objection to our proposal, please execute in the space provided below and return three copies of this letter to our office. We appreciate your prompt attention.



Very truly yours,

MWJ_PRODUCING OCMPANY

Pat Drexler

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UNION PACIFIC RESOURCES COMPANY has no objection to the sidetrack drilling of the proposed well.

Ву	 		:
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Title	 	<u> </u>	<u> </u>
Date		•	

MAR 2.1 1989 MAR 2.1 1989 MOBBS OFFICE

MWJ PRODUCING COMPANY

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

March 15, 1989

Coastal Oil & Gas Corporation P. O. Box 235 Midland, Texas 79702

RE: MWJ-Baum "F" State #1
990' FWL & 2310' FSL
Sec 5, T-14S, R-33E
Lea County, New Mexico
Baum Upper Penn Field

Gentlemen:

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Very truly yours,

MWJ PRODUCING COMPANY

Pat Drexler

pd

COASTAL OIL & GAS CORPORATION has no objection to the sidetrack drilling of the proposed well.

Ву		·	.	•
Title	•		·	
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MAR 2.1 1989 MAR 2.1 1989 MOELL COLLINE

MWJ PRODUCING COMPANY BAUM "F" State #1 OFFSET OPERATORS

Union Pacific Resources Company P. O. Box 7 MS3306 Fort Worth, Texas 76101-0007

Coastal Oil & Gas Corporation P. O. Box 235 Midland, Texas 79702

MAR 2.1 1989
MAR 2.1 1989
MORB'S OFFICE

P.01

FACSIMILE TRANSMITTAL

MESSAGE TO Mike Stowner
COMPANY Oil Conservation him
7
NUMBER OF PAGES INCLUDING COVER SHEET 2
MESSAGE FROM WIND PRODUCING COMPANY
DATE 3/23/89 TIME 12:05
COMMENT

SHARP FO-500 FACSIMILE (915) 682-5275

Any Problems Receiving Message, please call (915) 682-5216

(03/16/50 19:15

网络自己工艺学校会

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PRODUCTION CONTRACTOR

002

MWU PRODUCING COMPANY

PETROLEUM PRODUCEES

MATCH 15, 1989

Union Facilic Resources Company P. O. Box 7 M33306 Fort Worth, Toxac 76101-0007

RE: MWJ-Baum "F" State #1
990' FWL & 2310' FSL
Sec 5, T-145, R-33E
Lea County, New Mexico
Baue Upper Penn Field

Genclemen:

MWJ proposes the sidetrack drilling of the above captioned well to a new pottom hole location of 1980' FWL and 660' FSL, Sec 5, T-145, R-33E, Lea County, New Mexico.

If you have no objection to our proposal, please execute in the space provided below and return three copies of this letter to our office. We appreciate your prompt attention.

Very truly yours,

MAN BEODUCING OCHEANY

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Fat Drexler

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UNION PACIFIC RESOURCES COMPANY has no objection to the sidetrack drilling of the proposed well.

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Title Regulatory Manager

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Markon 10. ប្រសិទ្ធ

MWJ PRODUCING COMPANY

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100 MIDLAND, TEXAS 75701 TELEPHONE (SIS) 462-8216

March 15, 1989

Coastal Oil & Gas Corporation

Proc. Box 235

Midland, Toxas 79702

211 N. Robinson, Ste 1700

OKIB. City, OKIB. 73102

RE: MWJ-Baum "F" State #1
990' FWL & 2310' FSL
Sec 5, T-14S, R-33E
Lea County, New Mexico
Baum Upper Penn Field

Gentlemen:

MWJ proposes the sidetrack drilling of the above captioned well to a new bottom hole location of 1980' FWL and 660' FSL, Sec 5, T-14S, R-33E, Lea County, New Mexico.

If you have no objection to our proposal, please execute in the space provided below and return three copies of this letter to our office. We appreciate your prompt attention.

Very truly yours,

MWJ-PRODUCING COMPANY

Pat Drexler

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COASTAL OIL & GAS CORPORATION has no objection to the sidetrack drilling of the proposed well.

By Later Harly and

Title District Exploration Mar.

Date 21 March 89

MWJ PRODUCING COMPANY

PETROLEUM PRODUCERS

MAR & O 1909

OIL CONSERVATION DIVISION SANTA FE

MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
March 15, 1989

John Slavel

Oil Conservation Commission P. O. Box 1980 Hobbs, New Mexico 88240

Attn: Jerry Sexton

RE: MWJ-Baum "F" State #1 (F-3138)
990' FWL & 2310' FSL
Sec 5, T-14S, R-33E
Lea County, New Mexico
Baum (Upper Penn) Field

Gentlemen:

Enclosed please find Form C-101, C-102, map, schematic and waiver letters that have been sent to offset operators. We plan to sidetrack drill the well to a new bottom hole location of 1980' FWL and 660' FSL, Sec 5, T-145, R-33E, Lea County, New Mexico. The proposed total depth is 10,600'.

Upon receiving approval from the offset operators, we would like to ask that the Commission approve the drilling of this well.

Very truly yours,

MWJ PRODUCING COMPANY

Pat Drexler

pd Enclosures

cc: Oil Conservation Commission

Santa Fe, New Mexico

RECEIVED

MAR 21 1989

OCD

NOBBS OFFICE

NO. OF COPIES RECEIVED		,					
DISTRIBUTION	T	. NEW	MEXICO OIL CONS	ERVATION COMMISS	ION	Form C-101	
SANTA FE						Revised 1-1-6	35 ·
FILE			•		•	5A. Indicate	Type of Lease
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LAND OFFICE						•	& Gas Lease No.
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APPLICATIO	1 FUR PI			OR PLUG BACK		7. Unit Agre	ement Name
		Х	Directional				
b. Type of Weil DRILL			DEEPEN	PLU	IG BACK X	8. Form or L	ease Name
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2. Name of Operator						9. Well No.	
MWJ PRODUCI	NG COM	PANY				1	
3. Address of Operator	:						d Pool, or Wildcat
400 W. Illi	nois -	Suite	1100 Midla	and, Texas 7	9701	Baum	Upper Penn
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AND 2310 FEET FROM	THE SO	uth	E OF SEC. 5	TWP. 145 RGE.	33E NMPM	12. County	<i>m\\\\\</i>
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21. Elevations (Show whether DF,	RT, etc.)		& Status Plug. Bond	21B. Drilling Contracto			. Date Work will start
4266' GL		Branke	et/current	Unknown	·	4/1/8	9
23.		Р	ROPOSED CASING AN	ID CEMENT PROGRAM	•		
	6175.05					· OF VENT	
SIZE OF HOLE 17-1/4"		CASING	WEIGHT PER FOO 48#	T SETTING DEP	TH SACKS OF	CEMENT	EST. TOP surface
7711		5/8"	24# & 32#	4000'	300		2500'
7-7/8"		1/2"	17#	10600'	450		9500'
	•	~, ~	, - • • • • • • • • • • • • • • • • • • •	1 20000	1. 420	. 1	9300
The Baum "F" Sta	te #1	has bed	come noncom	nercial with	respect	to pro	duction
from the Baum Up	per Pe	nn at t	his location	on.	respece	co pro	ducción
	,						•
PROPOSED PROCEDU	<u>RE:</u>		day,				
1. Set CIBP @ 9	300' w			ton (Perfo	rations (000-00	1211
2. Cut off and	oull a	pproxin	nately 5000'	of 5-1/2"	casing.	7202-33	
3. Set a cement	plug	at the	54 2" cuto	off sufficien	nt to ser	ve as	the
Whipstock plu	ıg. 🦸						
4. Whipstock the	Baum	_''F''' ⟨Sţ	ate #1 and	drill new p	roduction	hole	to a
point located	1 1980	' FWL,	660' FSL Se	ec 5, T-14S,	R-33E, I	ea Cou	nty, NM.
5. Run, set and							
6. Smith Interna	itiona	T MITT	do Directio	nai Surveys	•		
Original casing s	et in	Baum "	F" State #1				
IN ABOVE SPACE DESCRIBE PR	OPOSED PER PROGRAM,	ROGRAM: IF	PROPOSAL IS TO DEEPEN	OR PLUG BACK, GIVE DAT	A ON PRESENT PRO	DUCTIVE ZONE	AND PROPOSED NEW PRODUC
I hereby certify that the information	n above la	une and comp	lete to the best of my	knowledge and belief.			
Signed Or h	nefl	ω	Tule Pat Dre	exler-Agent		Date 3/15	/89
(This space for !	itate Use)				,		•
		,					444

CONDITIONS OF APPROVAL, IF ANY:



N. # MEXICO OIL CONSERVATION COMMISS. IN WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator		I t	.0000		Well No.		
MWJ PRO	DUCING COMP	ANY	BAUM "F"	STATE	1		
Unit Letter	Section	Township	Romg∙	County			
L Actual Footage Loc	5	14 South	33 East	Lea			
1980	test from the W	est line and	660 ₁	et from the South	line		
Ground Level Elev.	Producing Form	15	Paum IInnor	Donn	Dedicated Acreage:		
4266.3'	Upper	Penn	Baum Upper	Penn	160 Acres		
	an one lease is	ted to the subject well dedicated to the well,	•		hereof (both as to working		
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling.etc? Yes No If answer is "yes;" type of consolidation If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of							
. No allowab	•			•	munitization, unitization, approved by the Commis-		
			i i i t	tained he	CERTIFICATION ertify that the information con- rein is true and complete to the r knowledge and belief.		
	<u>- + </u>			Nome Pat D	rexler		
	. Pop		1	Position			
	Prese	ent Mg	 		DUCING COMPANY		
	Surfa Locat	ion		3/15/8	9		
990		Thursday of the second	STATE OF STREET	I hernby shown on notes of under my is true at knowledge	certify that the well location this plat was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my and belief.		
,)	Propos Bottom Locati	ed hole		OBER 24, 1970 Professional Engineer Surveyor		
		1			6.76		

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	(Aztec (R B Half) Ploneer Firt 4 5918	Per to The Agency Section 19 A	Sections Free Longs	Promoting of the second	100015 20015 2011111	Termer 1 1870 1777 1 187 1 16 Corres 1877 1877 1
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	Gas Prod Ent	Control (MW/F) Control (Control Control Contr	Burns 122 2 10 00 00 00 00 00 00 00 00 00 00 00 00	Pyro (1979) # 3703 # 57	HS WORSE - WE MANAGED (1-8) (Sher) Elike (1-1) #1 Land (Sher) Elike (1-1) #1 Josh White) Wall (Jack	Gridi
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:	(Union Tex.) Coastel 066 & (Gas Prod.Ed.)	trus to wife no (free town for Man) (free town for the	AWJ (M.F.) overse's	at Cable St Cabel	O IM (Yores Fore Per (Tree) Toucoog H-1-67 Yares Pet	(Gulf) 22 Geum Prodefrice Maintest, 8: 10363 Garner Prot Magnati A. 6231
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