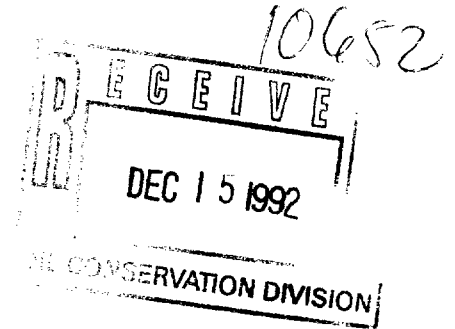


Proposed Advertisement
Pogo Producing Company
Mobil Fed. No. 8 Well



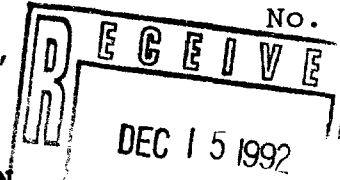
Application of Pogo Producing Company for directional drilling and an unorthodox oil well location, Eddy County, New Mexico. Applicant seeks authority to directionally drill its proposed Mobil Fed. No. 8 Well from a surface location 1380 feet from the East line and 330 feet from the South line (Unit 0) of Section 29, Township 23 South, Range 31 East, N.M.P.M., in such a manner as to bottom the well in the Brushy Canyon formation of the Delaware Mountain Group, at a standard location approximately 1,897 feet from East line and 413 feet from the South line (Unit 0) of said Section 29. Applicant also seeks approval of an unorthodox location in the Bell Canyon formation of the Delaware Mountain Group, with the directional wellbore entering the Bell Canyon formation at an unorthodox location 1,381 feet from the East line and 330 feet from the South line, and exiting the Bell Canyon formation at an unorthodox location 1,526 feet from the East line and 353 feet from the South line of said Section 29. Further, applicant seeks approval for an unorthodox location in the Cherry Canyon formation of the Delaware Mountain Group, with the directional wellbore entering the Cherry Canyon formation at an unorthodox location 1,526 feet from the East line

and 353 feet from the South line, and exiting the Cherry Canyon formation at an orthodox 1,829 feet from the East line and 402 feet from the South line of said Section 29. The SW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 29 will be dedicated to the well to form a standard 40 acre spacing and proration unit for said formations. This well is located approximately _____ miles _____ of Carlsbad, New Mexico.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF POGO PRODUCING COMPANY
FOR AN UNORTHODOX OIL WELL LOCATION
AND DIRECTIONAL DRILLING, EDDY COUNTY,
NEW MEXICO.

APPLICATION



Pogo Producing Company hereby applies for approval of an unorthodox location and for directional drilling of the well described below, and in support thereof states:

1. Applicant is the operator of the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 29, Township 23 South, Range 31 East, N.M.P.M., Eddy County, New Mexico, which is federal land located within the Oil-Potash Area.

2. Applicant desires to drill its Mobil Fed. No. 8 well in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 29 to test the Delaware formation. The Bureau of Land Management (BLM) has denied approval of all standard surface locations because, according to the BLM, drilling a vertical well at a standard surface location will cause an undue waste of potash. The BLM has approved a surface location 1380 feet from the East line and 330 from the South line of Section 29, which is the surface location requested herein by applicant. Although applicant prefers not to drill directionally due to engineering, economic, and other reasons, applicant is filing this application due to drainage occurring from an offsetting well.

3. Applicant seeks approval to directionally drill its well vertically to a depth of approximately 4,100 feet subsurface (below the base of the Salado formation), to kick off the well in a west-

northwesterly direction, build angle to approximately 14°, and drill to a depth sufficient to test the Brushy Canyon formation of the Delaware Mountain Group, which is the primary zone of interest (approximately 7,600-7,900 feet subsurface). The bottomhole location in the Brushy Canyon formation will be orthodox, as allowed by Division Rule 111(E), at approximately 1,897 feet FEL and 413 feet FSL. In addition, the wellbore within the entire Brushy Canyon formation will be no closer than 330 feet to the quarter-quarter section line.

4. The wellbore will be unorthodox at all depths in the Bell Canyon formation of the Delaware Mountain Group. The wellbore will enter the Bell Canyon formation (estimated top of formation at 4,188 feet subsurface) at an unorthodox location approximately 1,381 feet FEL and 330 feet FSL, and leave the Bell Canyon formation (estimated bottom of formation at 5,046 feet subsurface) at an unorthodox location approximately 1,526 feet FEL and 353 feet FSL.

The wellbore will be unorthodox at certain depths in the Cherry Canyon formation of the Delaware Mountain Group. The wellbore will enter the Cherry Canyon formation (estimated top of formation at 5,046 feet subsurface) at an unorthodox location approximately 1,526 feet FEL and 353 feet FSL, and leave the Cherry Canyon formation (estimated bottom of formation at 6,368 feet subsurface) at an orthodox location approximately 1,829 feet FEL and 402 feet FSL. The wellbore will become standard in the Cherry Canyon formation at a depth of approximately 5,550 feet subsurface.

DIRECTIONAL PROPOSAL

Pogo Producing Company

**Mobil Federal No. 8
Section 29, T-23-S, R-31-E
Eddy County, New Mexico**

EXHIBIT A

Mobil Federal No. 8

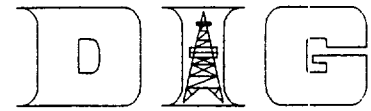
Recommended Procedure

1. Stake surface location 1380' FEL & 330' FSL, Section 29, T-23-S, R-31-E.
2. Build location - set 40' 20" conductor and grout cement same.
3. MIRU Rotary tools.
4. Drill 17-1/2" hole to $\pm 550'$, set 13-3/8" 54.5# casing to T.D., cement casing with Lite weight cement. Tail with 200 sx Premium, circulate cement as per R-111-P.
5. Drill 11" hole to $\pm 4050'$ (100' Basal Anhydrite) set 8-5/8" 32# casing to T.D. Cement with lite weight cement. Tail with 200 sx Premium, circ cement as per R-111-P.
6. While waiting on cement run cased hole Gyro Survey.
7. Drill out 8-5/8" casing with 7-7/8" bit + 6-1/2" X 30' non-magnetic drill collar + (29) 6-1/2" X 30' steel drill collars. Drill to 4100', survey, POOH for deflecting assembly.
8. Go in hole with 7-7/8" bit + 6-1/2" high speed motor + 1-1/2° bent sub + 6-1/2" X 30' non-magnetic drill collar + steel drill collars. Orient tool face, deflect wellbore with proper direction and angle. POOH for angle building assembly.
9. Go in hole with 7-7/8" bit + 7-7/8" IB stabilizer + 6-1/2" X 30' non-magnetic drill collar + (1) 6-1/2" steel drill collar + IB stabilizer + (1) 6-1/2" steel drill collar + IB stabilizer + (28) steel drill collars + (1) roller reamer. Drill with this assembly building approximately 2°/100' hole until a maximum deflection of 14.00° is established. POOH for packed hole assembly.
10. GIH with 7-7/8" bit + 7-7/8" IB stabilizer + 6-1/2" non-magnetic drill collar + IB stabilizer + (1) 6-1/2" steel drill collar + 7-7/8" IB stabilizer + (29) steel drill collars + roller reamer. Drill with this assembly holding 14° deviation to $\pm 5911'$ M.D. POOH for angle dropping assembly.
11. Go in hole with 7-7/8" bit + 6-1/2" non-magnetic drill collar + 7-7/8" IB stabilizer + 6-1/2" steel drill collar + 7-7/8" IB stabilizer + (29) steel drill collars + 7-7/8" roller reamer. Drill with this assembly and drop angle at the rate of 1-1/2°/100' of true vertical depth until a vertical hole is obtained ($\pm 7000'$ TVD, 7041' M.D.) @ $\pm 7041'$ should be $\pm 7000'$. Make corrective motor run if needed in this section. Drill to TD - 100' into Bone Springs.
12. Upon reaching TD, drop magnetic multi shot survey and check surveys back to 4050' TVD.

Anticipated Formation Tops Based on Mobil Federal No. 7

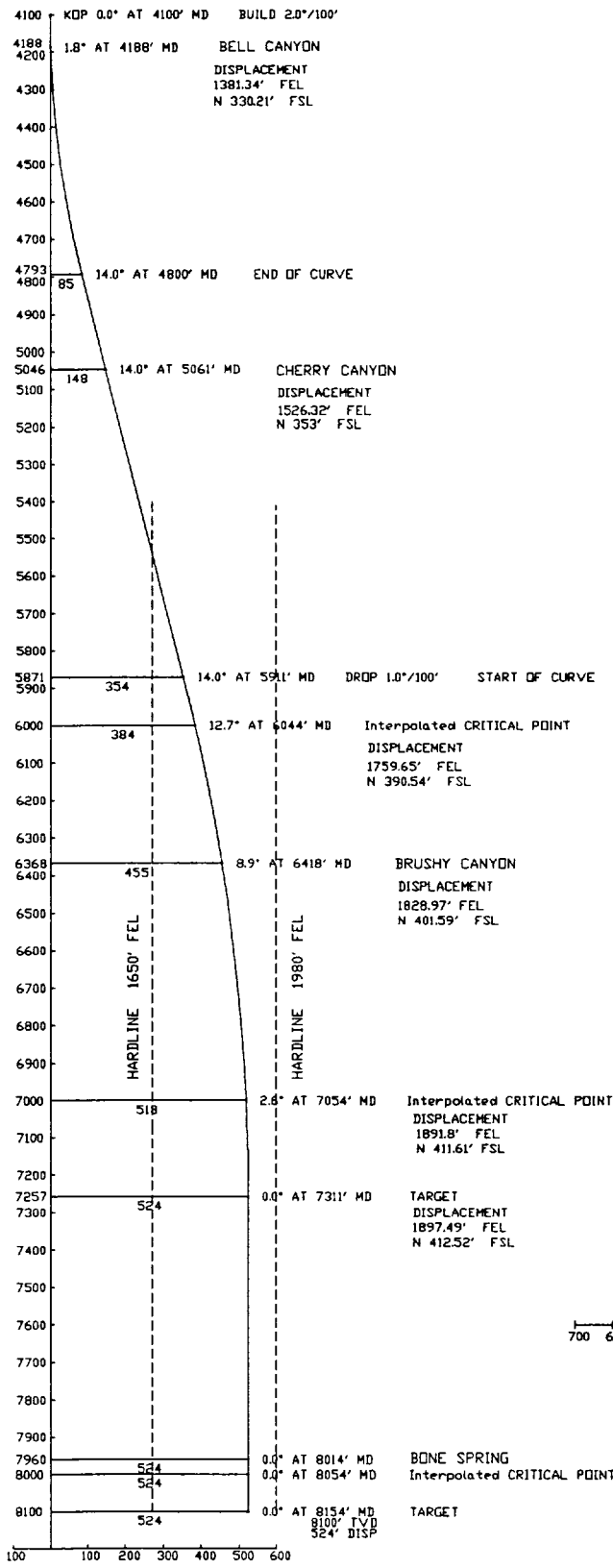
Basal Anhydrite	3914'
Delaware Lime	4140'
Bell Canyon	4188'
Cherry Canyon	5046'
Brushy Canyon	6368'
Bone Spring	7960'

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO



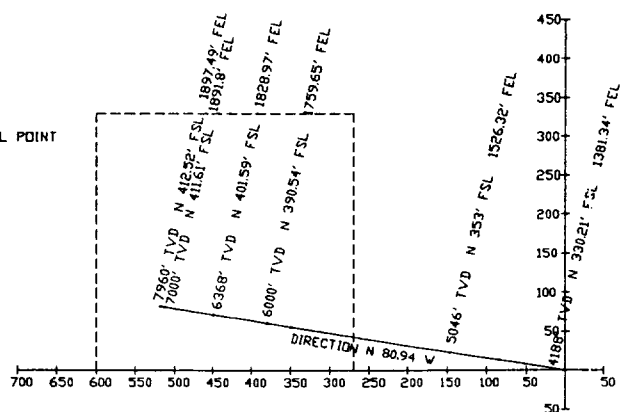
VERTICAL SECTION

SCALE: 100 FEET/DIVISION
 REFERENCE: WELL HEAD



HORIZONTAL PLAN

SCALE: 50 FEET/DIVISION
 REFERENCE: WELL HEAD



VERTICAL SECTION PLANE: N 80.94 W

DIRECTIONAL INVESTMENT GUIDANCE

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
 Vert Sect Plane: N 80.94 W

- DIRECTIONAL WELLPLAN -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L		VERTICAL SECTION (FT)	C L O S U R E		BUILD RATE (DG/100')	DOGLEG SEVERITY (DG/100')
					RECTANGULAR (FT)	COORDINATES		DISTANCE (FT)	DIRECTION (DEG)		
4100.00	0.00	N 0.00 E	0.00	4100.00	0.00 N	0.00 E	0.00	0.00 N	0.00 E	0.00	0.00
Interpolated CRITICAL POINT											
4188.01	1.76	N 80.94 W	88.01	4188.00	0.21 N	1.34 W	1.35	1.35 N	80.94 W	2.00	2.00
4200.00	2.00	N 80.94 W	11.99	4199.98	0.27 N	1.72 W	1.75	1.75 N	80.94 W	2.00	2.00
4300.00	4.00	N 80.94 W	100.00	4299.84	1.10 N	6.89 W	6.98	6.98 N	80.94 W	2.00	2.00
4400.00	6.00	N 80.94 W	100.00	4399.45	2.47 N	15.50 W	15.69	15.69 N	80.94 W	2.00	2.00
4500.00	8.00	N 80.94 W	100.00	4498.70	4.39 N	27.53 W	27.88	27.88 N	80.94 W	2.00	2.00
4600.00	10.00	N 80.94 W	100.00	4597.47	6.85 N	42.98 W	43.52	43.52 N	80.94 W	2.00	2.00
4700.00	12.00	N 80.94 W	100.00	4695.62	9.86 N	61.82 W	62.60	62.60 N	80.94 W	2.00	2.00
4800.00	14.00	N 80.94 W	100.00	4793.06	13.40 N	84.03 W	85.10	85.10 N	80.94 W	2.00	2.00
END OF CURVE											
4800.02	14.00	N 80.94 W	0.02	4793.07	13.40 N	84.04 W	85.10	85.10 N	80.94 W	2.00	2.00
Interpolated CRITICAL POINT											
5060.69	14.00	N 80.94 W	260.67	5046.00	23.33 N	146.32 W	148.16	148.16 N	80.94 W	0.00	0.00
START OF CURVE											
5910.80	14.00	N 80.94 W	850.11	5870.86	55.72 N	349.42 W	353.83	353.83 N	80.94 W	0.00	0.00
6010.80	13.00	N 80.94 W	100.00	5968.09	59.39 N	372.47 W	377.17	377.17 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
6043.52	12.67	N 80.94 W	32.72	6000.00	60.54 N	379.65 W	384.44	384.44 N	80.94 W	-1.00	1.00
6110.80	12.00	N 80.94 W	67.28	6065.72	62.80 N	393.84 W	398.82	398.82 N	80.94 W	-1.00	1.00
6210.80	11.00	N 80.94 W	100.00	6163.71	65.94 N	413.53 W	418.76	418.76 N	80.94 W	-1.00	1.00
6310.80	10.00	N 80.94 W	100.00	6262.04	68.81 N	431.53 W	436.98	436.98 N	80.94 W	-1.00	1.00
6410.80	9.00	N 80.94 W	100.00	6360.67	71.41 N	447.83 W	453.48	453.48 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
6418.23	8.93	N 80.94 W	7.43	6368.00	71.59 N	448.97 W	454.64	454.64 N	80.94 W	-1.00	1.00
6510.80	8.00	N 80.94 W	92.57	6459.57	73.74 N	462.42 W	468.27	468.27 N	80.94 W	-1.00	1.00
6610.80	7.00	N 80.94 W	100.00	6558.71	75.79 N	475.31 W	481.32	481.32 N	80.94 W	-1.00	1.00
6710.80	6.00	N 80.94 W	100.00	6658.06	77.58 N	486.49 W	492.64	492.64 N	80.94 W	-1.00	1.00
6810.80	5.00	N 80.94 W	100.00	6757.60	79.08 N	495.96 W	502.22	502.22 N	80.94 W	-1.00	1.00
6910.80	4.00	N 80.94 W	100.00	6857.29	80.32 N	503.71 W	510.07	510.07 N	80.94 W	-1.00	1.00
7010.80	3.00	N 80.94 W	100.00	6957.11	81.28 N	509.74 W	516.18	516.18 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
7053.75	2.57	N 80.94 W	42.95	7000.00	81.61 N	511.80 W	518.26	518.26 N	80.94 W	-1.00	1.00
7110.80	2.00	N 80.94 W	57.05	7057.01	81.97 N	514.04 W	520.54	520.54 N	80.94 W	-1.00	1.00

DIRECTIONAL INVESTMENT GUIDANCE

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO

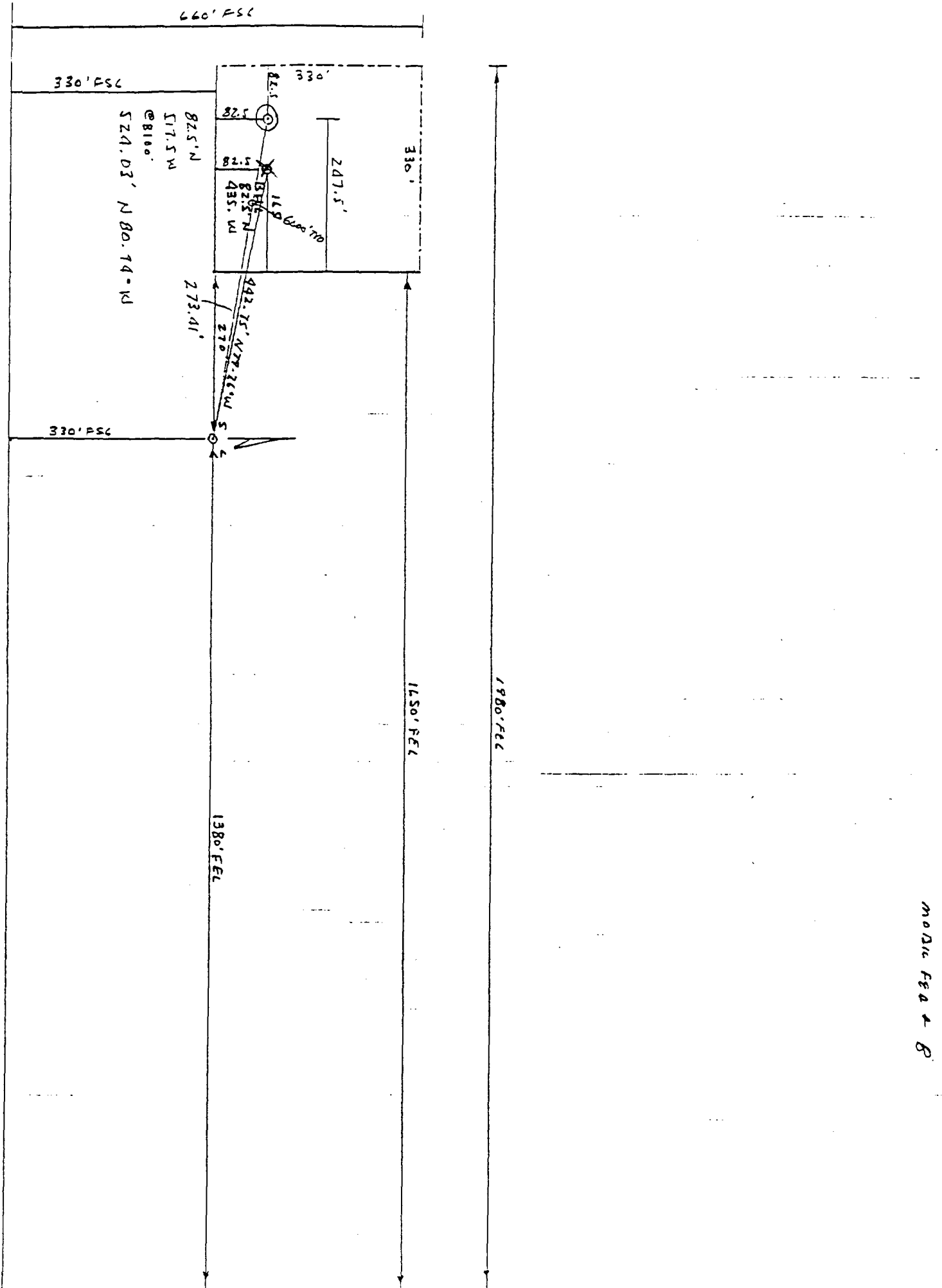
Calculated by Minimum Curvature Method
 Vert Sect Plane: N 80.94 W

- DIRECTIONAL WELLPLAN -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT) DIRECTION (DEG)		BUILD RATE (DG/100')	DOGLEG SEVERITY (DG/100')	
7210.80	1.00	N 80.94 W	100.00	7156.97	82.38 N	516.63 W	523.16	523.16	N 80.94 W	-1.00	1.00	
7310.80	0.00	N 0.00 E	100.00	7256.97	82.52 N	517.49 W	524.03	524.03	N 80.94 W	-1.00	1.00	
TARGET												
7310.83	0.00	N 0.00 E	0.03	7257.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	-1.00	1.00	
Interpolated CRITICAL POINT												
8013.83	0.00	N 0.00 E	703.00	7960.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00	
Interpolated CRITICAL POINT												
8053.83	0.00	N 0.00 E	40.00	8000.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00	
TARGET												
8153.83	0.00	N 0.00 E	100.00	8100.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00	

FIELD RECORDED
RICHARD WRIGHT

Edgar Co., N.M.
MORRIS FEED & B.



Submit to Appropriate
 District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED

OCT 26 1992

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

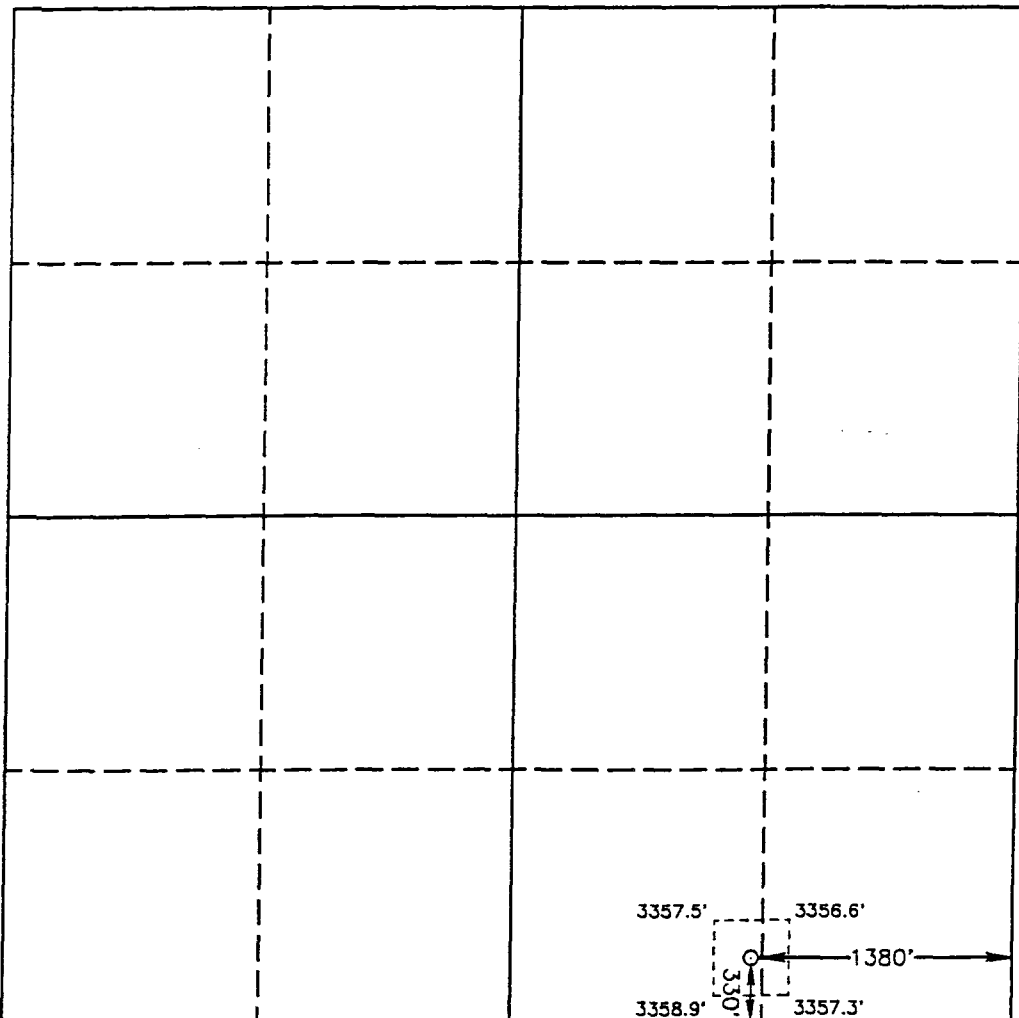
ADLAND

Operator POGO PRODUCING COMPANY		Lease MOBIL FEDERAL		Well No. 8
Unit Letter O	Section 29	Township 23 SOUTH	Range 31 EAST NMPM	County EDDY
Actual Footage Location of Well:				
330 feet from the SOUTH line and		1380 feet from the EAST line		
Ground Level Elev. 3357.1'	Producing Formation	Pool	Dedicated Acreage: Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Position

Company

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

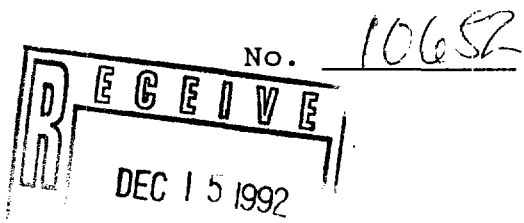
Date Surveyed

OCTOBER 19, 1992

Signature & Seal of Professional Surveyor

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF POGO PRODUCING COMPANY
FOR AN UNORTHODOX OIL WELL LOCATION
AND DIRECTIONAL DRILLING, EDDY COUNTY,
NEW MEXICO.



APPLICATION

Pogo Producing Company hereby applies for approval of an unorthodox location and for directional drilling of the well described below, and in support thereof states:

1. Applicant is the operator of the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 29, Township 23 South, Range 31 East, N.M.P.M., Eddy County, New Mexico, which is federal land located within the Oil-Potash Area.

2. Applicant desires to drill its Mobil Fed. No. 8 well in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 29 to test the Delaware formation. The Bureau of Land Management (BLM) has denied approval of all standard surface locations because, according to the BLM, drilling a vertical well at a standard surface location will cause an undue waste of potash. The BLM has approved a surface location 1380 feet from the East line and 330 from the South line of Section 29, which is the surface location requested herein by applicant. Although applicant prefers not to drill directionally due to engineering, economic, and other reasons, applicant is filing this application due to drainage occurring from an offsetting well.

3. Applicant seeks approval to directionally drill its well vertically to a depth of approximately 4,100 feet subsurface (below the base of the Salado formation), to kick off the well in a west-

northwesterly direction, build angle to approximately 14°, and drill to a depth sufficient to test the Brushy Canyon formation of the Delaware Mountain Group, which is the primary zone of interest (approximately 7,600-7,900 feet subsurface). The bottomhole location in the Brushy Canyon formation will be orthodox, as allowed by Division Rule 111(E), at approximately 1,897 feet FEL and 413 feet FSL. In addition, the wellbore within the entire Brushy Canyon formation will be no closer than 330 feet to the quarter-quarter section line.

4. The wellbore will be unorthodox at all depths in the Bell Canyon formation of the Delaware Mountain Group. The wellbore will enter the Bell Canyon formation (estimated top of formation at 4,188 feet subsurface) at an unorthodox location approximately 1,381 feet FEL and 330 feet FSL, and leave the Bell Canyon formation (estimated bottom of formation at 5,046 feet subsurface) at an unorthodox location approximately 1,526 feet FEL and 353 feet FSL.

The wellbore will be unorthodox at certain depths in the Cherry Canyon formation of the Delaware Mountain Group. The wellbore will enter the Cherry Canyon formation (estimated top of formation at 5,046 feet subsurface) at an unorthodox location approximately 1,526 feet FEL and 353 feet FSL, and leave the Cherry Canyon formation (estimated bottom of formation at 6,368 feet subsurface) at an orthodox location approximately 1,829 feet FEL and 402 feet FSL. The wellbore will become standard in the Cherry Canyon formation at a depth of approximately 5,550 feet subsurface.

The proposed well is or may be prospective in the Bell Canyon and Cherry Canyon formations, and applicant requests approval of the above unorthodox locations. A drilling prognosis, indicating the angle and direction of drilling, is attached hereto as Exhibit A.

5. The granting of this application is in the interests of conservation and the prevention of waste.

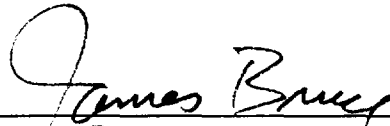
6. Applicant requests that this matter be set for the January 7, 1993 Examiner hearing.

WHEREFORE, applicant requests that, after hearing, the relief requested above be granted.

DATED: 12/15/92.

Respectfully submitted,

HINKLE, COX, EATON, COFFIELD
& HENSLEY



James Bruce
Post Office Box 2068
Santa Fe, New Mexico 87504-2068
(505) 982-4554

Attorneys for Pogo Producing
Company

DIRECTIONAL PROPOSAL

Pogo Producing Company

**Mobil Federal No. 8
Section 29, T-23-S, R-31-E
Eddy County, New Mexico**

EXHIBIT A

Mobil Federal No. 8

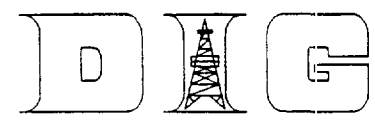
Recommended Procedure

1. Stake surface location 1380' FEL & 330' FSL, Section 29, T-23-S, R-31-E.
2. Build location - set 40' 20" conductor and grout cement same.
3. MIRU Rotary tools.
4. Drill 17-1/2" hole to $\pm 550'$, set 13-3/8" 54.5# casing to T.D., cement casing with Lite weight cement. Tail with 200 sx Premium, circulate cement as per R-111-P.
5. Drill 11" hole to $\pm 4050'$ (100' Basal Anhydrite) set 8-5/8" 32# casing to T.D. Cement with lite weight cement. Tail with 200 sx Premium, circ cement as per R-111-P.
6. While waiting on cement run cased hole Gyro Survey.
7. Drill out 8-5/8" casing with 7-7/8" bit + 6-1/2" X 30' non-magnetic drill collar + (29) 6-1/2" X 30' steel drill collars. Drill to 4100', survey, POOH for deflecting assembly.
8. Go in hole with 7-7/8" bit + 6-1/2" high speed motor + 1-1/2° bent sub + 6-1/2" X 30' non-magnetic drill collar + steel drill collars. Orient tool face, deflect wellbore with proper direction and angle. POOH for angle building assembly.
9. Go in hole with 7-7/8" bit + 7-7/8" IB stabilizer + 6-1/2" X 30' non-magnetic drill collar + (1) 6-1/2" steel drill collar + IB stabilizer + (1) 6-1/2" steel drill collar + IB stabilizer + (28) steel drill collars + (1) roller reamer. Drill with this assembly building approximately 2°/100' hole until a maximum deflection of 14.00° is established. POOH for packed hole assembly.
10. GIH with 7-7/8" bit + 7-7/8" IB stabilizer + 6-1/2" non-magnetic drill collar + IB stabilizer + (1) 6-1/2" steel drill collar + 7-7/8" IB stabilizer + (29) steel drill collars + roller reamer. Drill with this assembly holding 14° deviation to $\pm 5911'$ M.D. POOH for angle dropping assembly.
11. Go in hole with 7-7/8" bit + 6-1/2" non-magnetic drill collar + 7-7/8" IB stabilizer + 6-1/2" steel drill collar + 7-7/8" IB stabilizer + (29) steel drill collars + 7-7/8" roller reamer. Drill with this assembly and drop angle at the rate of 1-1/2°/100' of true vertical depth until a vertical hole is obtained ($\pm 7000'$ TVD, 7041' M.D.) @ $\pm 7041'$ should be $\pm 7000'$. Make corrective motor run if needed in this section. Drill to TD - 100' into Bone Springs.
12. Upon reaching TD, drop magnetic multi shot survey and check surveys back to 4050' TVD.

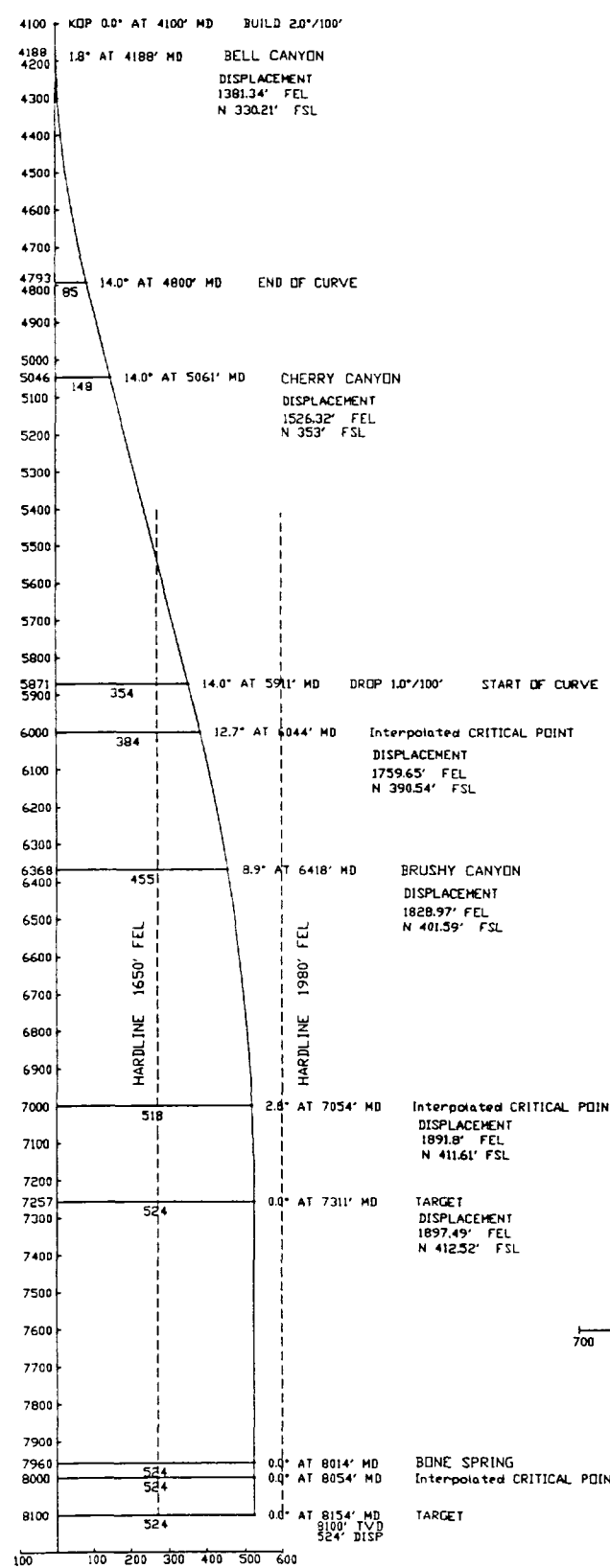
Anticipated Formation Tops Based on Mobil Federal No. 7

Basal Anhydrite	3914'
Delaware Lime	4140'
Bell Canyon	4188'
Cherry Canyon	5046'
Brushy Canyon	6368'
Bone Spring	7960'

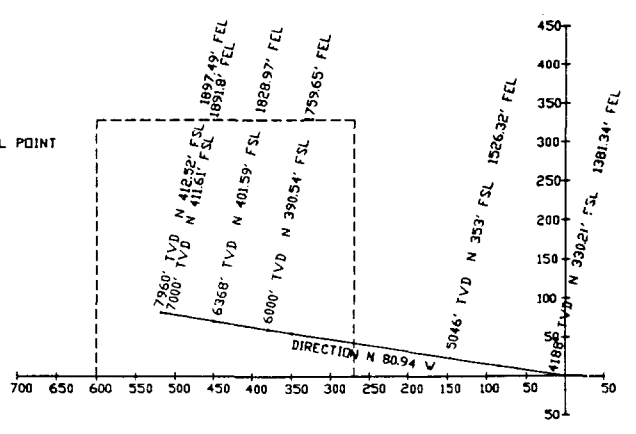
POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO



VERTICAL SECTION
 SCALE: 100 FEET/DIVISION
 REFERENCE: WELL HEAD



HORIZONTAL PLAN
 SCALE: 50 FEET/DIVISION
 REFERENCE: WELL HEAD



VERTICAL SECTION PLANE: N 80.94 W

DIRECTIONAL INVESTMENT GUIDANCE

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
 Vert Sect Plane: N 80.94 W

- DIRECTIONAL WELLPLAN -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L		VERTICAL SECTION (FT)	C L O S U R E		BUILD RATE (DG/100')	DOGLEG SEVERITY (DG/100')
					RECTANGULAR	COORDINATES (FT)		DISTANCE (FT)	DIRECTION (DEG)		
4100.00	0.00	N 0.00 E	0.00	4100.00	0.00 N	0.00 E	0.00	0.00 N	0.00 E	0.00	0.00
Interpolated CRITICAL POINT											
4188.01	1.76	N 80.94 W	88.01	4188.00	0.21 N	1.34 W	1.35	1.35 N	80.94 W	2.00	2.00
4200.00	2.00	N 80.94 W	11.99	4199.98	0.27 N	1.72 W	1.75	1.75 N	80.94 W	2.00	2.00
4300.00	4.00	N 80.94 W	100.00	4299.84	1.10 N	6.89 W	6.98	6.98 N	80.94 W	2.00	2.00
4400.00	6.00	N 80.94 W	100.00	4399.45	2.47 N	15.50 W	15.69	15.69 N	80.94 W	2.00	2.00
4500.00	8.00	N 80.94 W	100.00	4498.70	4.39 N	27.53 W	27.88	27.88 N	80.94 W	2.00	2.00
4600.00	10.00	N 80.94 W	100.00	4597.47	6.85 N	42.98 W	43.52	43.52 N	80.94 W	2.00	2.00
4700.00	12.00	N 80.94 W	100.00	4695.62	9.86 N	61.82 W	62.60	62.60 N	80.94 W	2.00	2.00
4800.00	14.00	N 80.94 W	100.00	4793.06	13.40 N	84.03 W	85.10	85.10 N	80.94 W	2.00	2.00
END OF CURVE											
4800.02	14.00	N 80.94 W	0.02	4793.07	13.40 N	84.04 W	85.10	85.10 N	80.94 W	2.00	2.00
Interpolated CRITICAL POINT											
5060.69	14.00	N 80.94 W	260.67	5046.00	23.33 N	146.32 W	148.16	148.16 N	80.94 W	0.00	0.00
START OF CURVE											
5910.80	14.00	N 80.94 W	850.11	5870.86	55.72 N	349.42 W	353.83	353.83 N	80.94 W	0.00	0.00
6010.80	13.00	N 80.94 W	100.00	5968.09	59.39 N	372.47 W	377.17	377.17 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
6043.52	12.67	N 80.94 W	32.72	6000.00	60.54 N	379.65 W	384.44	384.44 N	80.94 W	-1.00	1.00
6110.80	12.00	N 80.94 W	67.28	6065.72	62.80 N	393.84 W	398.82	398.82 N	80.94 W	-1.00	1.00
6210.80	11.00	N 80.94 W	100.00	6163.71	65.94 N	413.53 W	418.76	418.76 N	80.94 W	-1.00	1.00
6310.80	10.00	N 80.94 W	100.00	6262.04	68.81 N	431.53 W	436.98	436.98 N	80.94 W	-1.00	1.00
6410.80	9.00	N 80.94 W	100.00	6360.67	71.41 N	447.83 W	453.48	453.48 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
6418.23	8.93	N 80.94 W	7.43	6368.00	71.59 N	448.97 W	454.64	454.64 N	80.94 W	-1.00	1.00
6510.80	8.00	N 80.94 W	92.57	6459.57	73.74 N	462.42 W	468.27	468.27 N	80.94 W	-1.00	1.00
6610.80	7.00	N 80.94 W	100.00	6558.71	75.79 N	475.31 W	481.32	481.32 N	80.94 W	-1.00	1.00
6710.80	6.00	N 80.94 W	100.00	6658.06	77.58 N	486.49 W	492.64	492.64 N	80.94 W	-1.00	1.00
6810.80	5.00	N 80.94 W	100.00	6757.60	79.08 N	495.96 W	502.22	502.22 N	80.94 W	-1.00	1.00
6910.80	4.00	N 80.94 W	100.00	6857.29	80.32 N	503.71 W	510.07	510.07 N	80.94 W	-1.00	1.00
7010.80	3.00	N 80.94 W	100.00	6957.11	81.28 N	509.74 W	516.18	516.18 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
7053.75	2.57	N 80.94 W	42.95	7000.00	81.61 N	511.80 W	518.26	518.26 N	80.94 W	-1.00	1.00
7110.80	2.00	N 80.94 W	57.05	7057.01	81.97 N	514.04 W	520.54	520.54 N	80.94 W	-1.00	1.00

DIRECTIONAL INVESTMENT GUIDANCE

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO

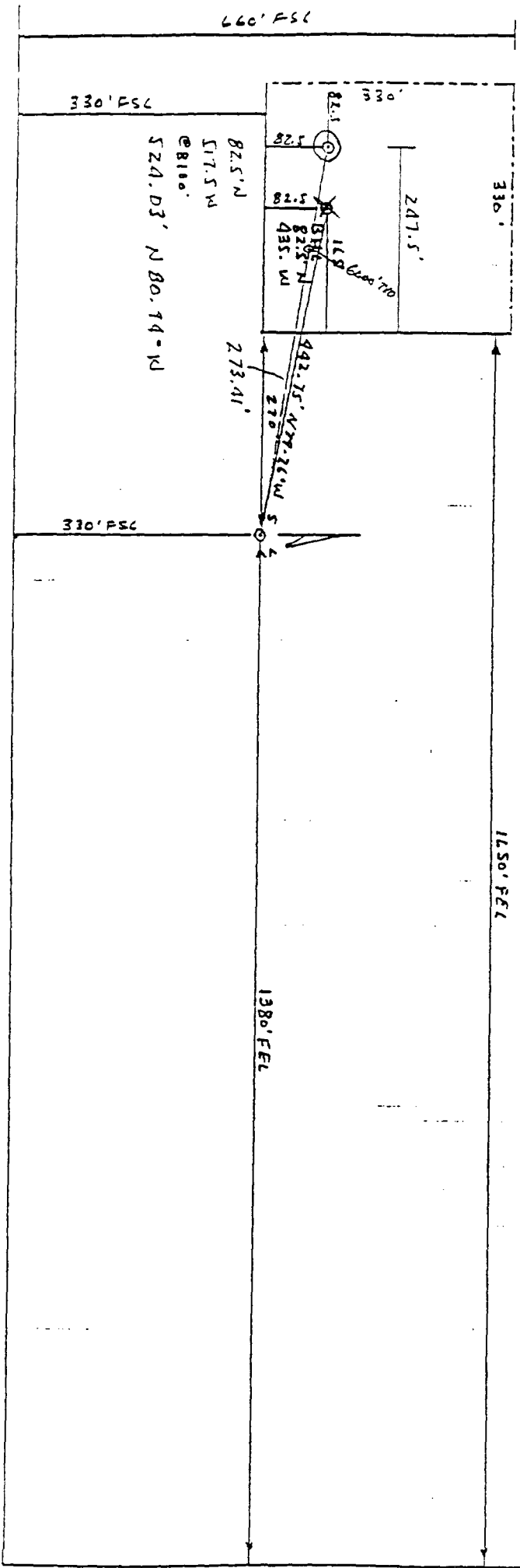
Calculated by Minimum Curvature Method
 Vert Sect Plane: N 80.94 W

- DIRECTIONAL WELLPLAN -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		BUILD RATE (DG/100')	DOGLEG SEVERITY (DG/100')	
7210.80	1.00	N 80.94 W	100.00	7156.97	82.38 N	516.63 W	523.16	523.16	N 80.94 W	-1.00	1.00	
7310.80	0.00	N 0.00 E	100.00	7256.97	82.52 N	517.49 W	524.03	524.03	N 80.94 W	-1.00	1.00	
TARGET												
7310.83	0.00	N 0.00 E	0.03	7257.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	-1.00	1.00	
Interpolated CRITICAL POINT												
8013.83	0.00	N 0.00 E	703.00	7960.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00	
Interpolated CRITICAL POINT												
8053.83	0.00	N 0.00 E	40.00	8000.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00	
TARGET												
8153.83	0.00	N 0.00 E	100.00	8100.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00	

FIELD SURVEYOR
RICHARD WRIGHT

East Co., N.M.
MOBILE FEED & B.



Submit to Appropriate
 District Office
 4 copies - Lease
 3 copies - Lease

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

RECEIVED

OCT 26 1992

ADLAND

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 100 Rio Brazos Rd., Artesia, NM 87410

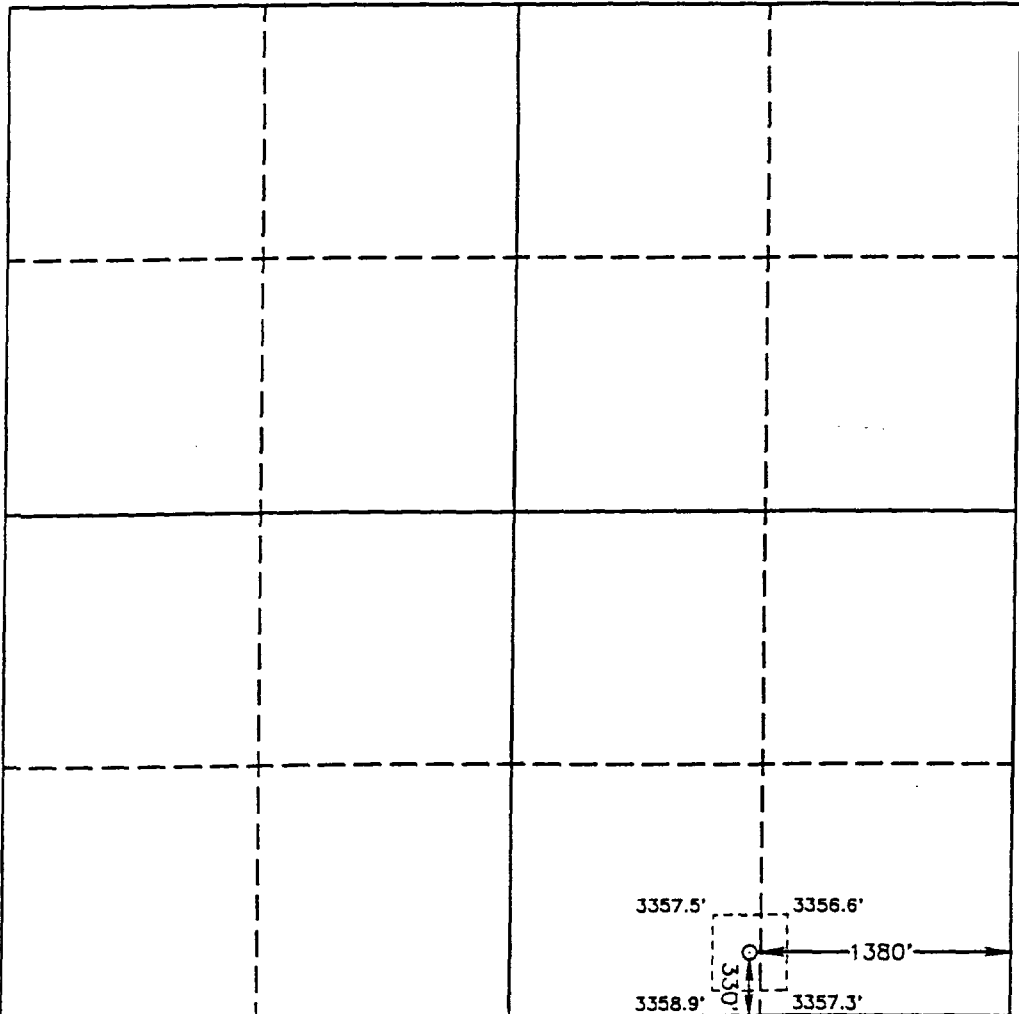
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator POGO PRODUCING COMPANY			Lease MOBIL FEDERAL		Well No. 8
Section 0	Section 29	Township 23 SOUTH	Range 31 EAST	NMPM	County EDDY
Actual Footage Location of Well: 330 feet from the SOUTH line and 1380 feet from the EAST line					
Ground Level Elev. 3357.1'	Producing Formation	Pool	Dedicated Acreage: Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
 - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 - If more than one lease of different ownership is dedicated to the well, have the interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
- No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature _____

Printed Name _____

Position _____

Company _____

Date _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
OCTOBER 19, 1992

Signature & Seal of Professional Surveyor

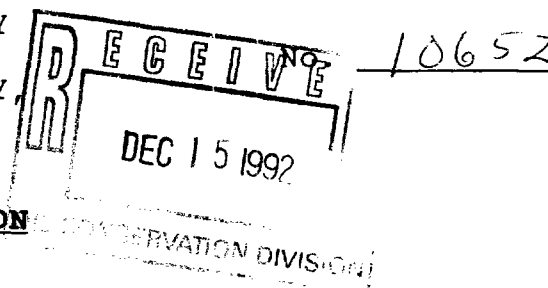
GARY L. JONES
 NEW MEXICO
 7977

Certificate No. **JOHN MCWEST, 678**
RONALD J. ELLISON, 3239
GARY L. JONES, 7977

REGISTERED PROFESSIONAL SURVEYOR

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF POGO PRODUCING COMPANY
FOR AN UNORTHODOX OIL WELL LOCATION
AND DIRECTIONAL DRILLING, EDDY COUNTY,
NEW MEXICO.



APPLICATION

Pogo Producing Company hereby applies for approval of an unorthodox location and for directional drilling of the well described below, and in support thereof states:

1. Applicant is the operator of the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 29, Township 23 South, Range 31 East, N.M.P.M., Eddy County, New Mexico, which is federal land located within the Oil-Potash Area.

2. Applicant desires to drill its Mobil Fed. No. 8 well in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 29 to test the Delaware formation. The Bureau of Land Management (BLM) has denied approval of all standard surface locations because, according to the BLM, drilling a vertical well at a standard surface location will cause an undue waste of potash. The BLM has approved a surface location 1380 feet from the East line and 330 from the South line of Section 29, which is the surface location requested herein by applicant. Although applicant prefers not to drill directionally due to engineering, economic, and other reasons, applicant is filing this application due to drainage occurring from an offsetting well.

3. Applicant seeks approval to directionally drill its well vertically to a depth of approximately 4,100 feet subsurface (below the base of the Salado formation), to kick off the well in a west-

northwesterly direction, build angle to approximately 14°, and drill to a depth sufficient to test the Brushy Canyon formation of the Delaware Mountain Group, which is the primary zone of interest (approximately 7,600-7,900 feet subsurface). The bottomhole location in the Brushy Canyon formation will be orthodox, as allowed by Division Rule 111(E), at approximately 1,897 feet FEL and 413 feet FSL. In addition, the wellbore within the entire Brushy Canyon formation will be no closer than 330 feet to the quarter-quarter section line.

4. The wellbore will be unorthodox at all depths in the Bell Canyon formation of the Delaware Mountain Group. The wellbore will enter the Bell Canyon formation (estimated top of formation at 4,188 feet subsurface) at an unorthodox location approximately 1,381 feet FEL and 330 feet FSL, and leave the Bell Canyon formation (estimated bottom of formation at 5,046 feet subsurface) at an unorthodox location approximately 1,526 feet FEL and 353 feet FSL.

The wellbore will be unorthodox at certain depths in the Cherry Canyon formation of the Delaware Mountain Group. The wellbore will enter the Cherry Canyon formation (estimated top of formation at 5,046 feet subsurface) at an unorthodox location approximately 1,526 feet FEL and 353 feet FSL, and leave the Cherry Canyon formation (estimated bottom of formation at 6,368 feet subsurface) at an orthodox location approximately 1,829 feet FEL and 402 feet FSL. The wellbore will become standard in the Cherry Canyon formation at a depth of approximately 5,550 feet subsurface.

The proposed well is or may be prospective in the Bell Canyon and Cherry Canyon formations, and applicant requests approval of the above unorthodox locations. A drilling prognosis, indicating the angle and direction of drilling, is attached hereto as Exhibit A.

5. The granting of this application is in the interests of conservation and the prevention of waste.

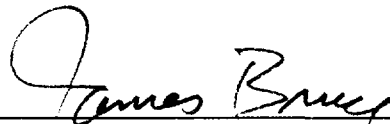
6. Applicant requests that this matter be set for the January 7, 1993 Examiner hearing.

WHEREFORE, applicant requests that, after hearing, the relief requested above be granted.

DATED: 12/15/92.

Respectfully submitted,

HINKLE, COX, EATON, COFFIELD
& HENSLEY



James Bruce
Post Office Box 2068
Santa Fe, New Mexico 87504-2068
(505) 982-4554

Attorneys for Pogo Producing
Company

DIRECTIONAL PROPOSAL

Pogo Producing Company

**Mobil Federal No. 8
Section 29, T-23-S, R-31-E
Eddy County, New Mexico**

EXHIBIT A

Mobil Federal No. 8

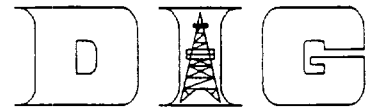
Recommended Procedure

1. Stake surface location 1380' FEL & 330' FSL, Section 29, T-23-S, R-31-E.
2. Build location - set 40' 20" conductor and grout cement same.
3. MIRU Rotary tools.
4. Drill 17-1/2" hole to $\pm 550'$, set 13-3/8" 54.5# casing to T.D., cement casing with Lite weight cement. Tail with 200 sx Premium, circulate cement as per R-111-P.
5. Drill 11" hole to $\pm 4050'$ (100' Basal Anhydrite) set 8-5/8" 32# casing to T.D. Cement with lite weight cement. Tail with 200 sx Premium, circ cement as per R-111-P.
6. While waiting on cement run cased hole Gyro Survey.
7. Drill out 8-5/8" casing with 7-7/8" bit + 6-1/2" X 30' non-magnetic drill collar + (29) 6-1/2" X 30' steel drill collars. Drill to 4100', survey, POOH for deflecting assembly.
8. Go in hole with 7-7/8" bit + 6-1/2" high speed motor + 1-1/2° bent sub + 6-1/2" X 30' non-magnetic drill collar + steel drill collars. Orient tool face, deflect wellbore with proper direction and angle. POOH for angle building assembly.
9. Go in hole with 7-7/8" bit + 7-7/8" IB stabilizer + 6-1/2" X 30' non-magnetic drill collar + (1) 6-1/2" steel drill collar + IB stabilizer + (1) 6-1/2" steel drill collar + IB stabilizer + (28) steel drill collars + (1) roller reamer. Drill with this assembly building approximately 2°/100' hole until a maximum deflection of 14.00° is established. POOH for packed hole assembly.
10. GIH with 7-7/8" bit + 7-7/8" IB stabilizer + 6-1/2" non-magnetic drill collar + IB stabilizer + (1) 6-1/2" steel drill collar + 7-7/8" IB stabilizer + (29) steel drill collars + roller reamer. Drill with this assembly holding 14° deviation to $\pm 5911'$ M.D. POOH for angle dropping assembly.
11. Go in hole with 7-7/8" bit + 6-1/2" non-magnetic drill collar + 7-7/8" IB stabilizer + 6-1/2" steel drill collar + 7-7/8" IB stabilizer + (29) steel drill collars + 7-7/8" roller reamer. Drill with this assembly and drop angle at the rate of 1-1/2°/100' of true vertical depth until a vertical hole is obtained ($\pm 7000'$ TVD, 7041' M.D.) @ $\pm 7041'$ should be $\pm 7000'$. Make corrective motor run if needed in this section. Drill to TD - 100' into Bone Springs.
12. Upon reaching TD, drop magnetic multi shot survey and check surveys back to 4050' TVD.

Anticipated Formation Tops Based on Mobil Federal No. 7

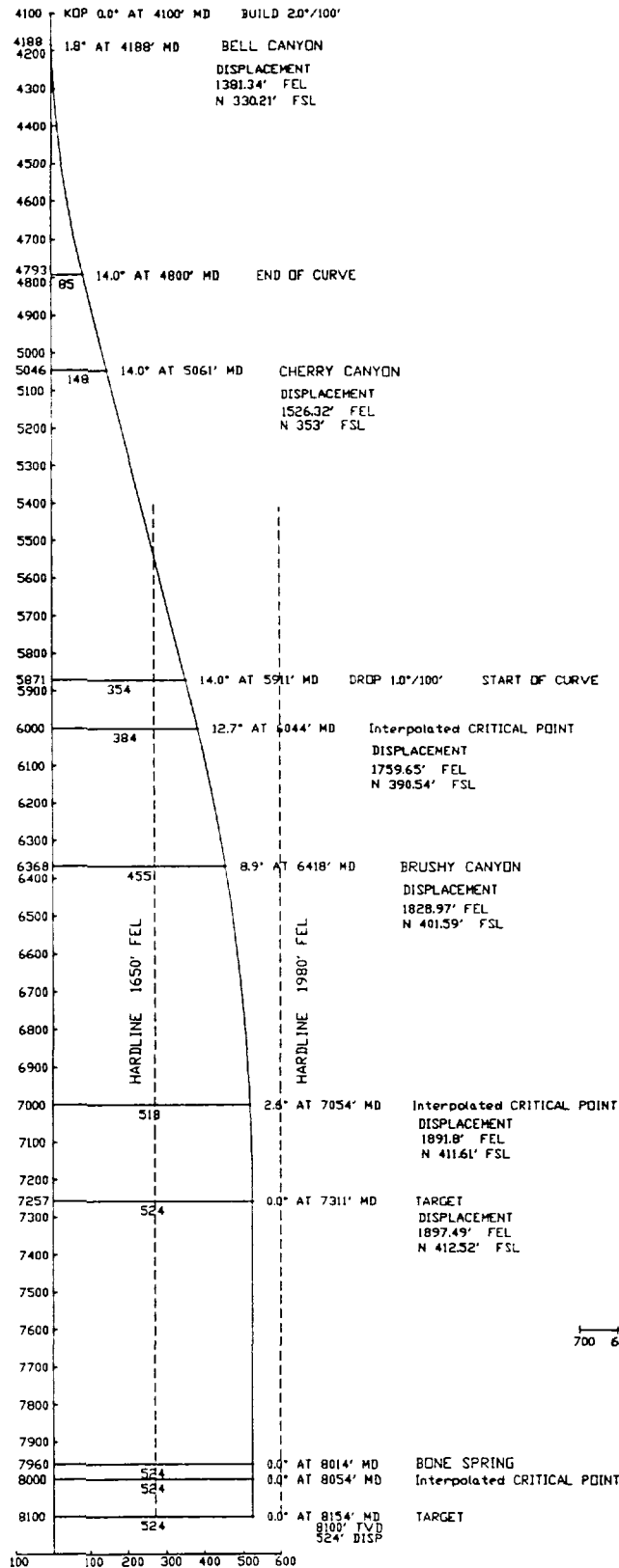
Basal Anhydrite	3914'
Delaware Lime	4140'
Bell Canyon	4188'
Cherry Canyon	5046'
Brushy Canyon	6368'
Bone Spring	7960'

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO



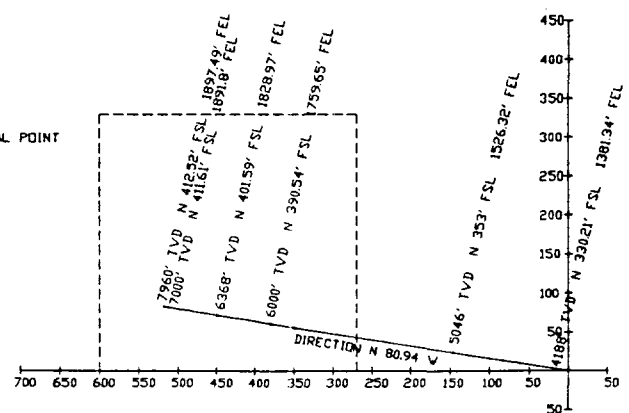
VERTICAL SECTION

SCALE: 100 FEET/DIVISION
 REFERENCE: WELL HEAD



HORIZONTAL PLAN

SCALE: 50 FEET/DIVISION
 REFERENCE: WELL HEAD



VERTICAL SECTION PLANE: N 80.94 W

DIRECTIONAL INVESTMENT GUIDANCE

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
 Vert Sect Plane: N 80.94 W

- DIRECTIONAL WELLPLAN -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT) DIRECTION (DEG)		BUILD RATE (DG/100')	DOGLEG SEVERITY (DG/100')
4100.00	0.00	N 0.00 E	0.00	4100.00	0.00 N	0.00 E	0.00	0.00 N	0.00 E	0.00	0.00
Interpolated CRITICAL POINT											
4188.01	1.76	N 80.94 W	88.01	4188.00	0.21 N	1.34 W	1.35	1.35 N	80.94 W	2.00	2.00
4200.00	2.00	N 80.94 W	11.99	4199.98	0.27 N	1.72 W	1.75	1.75 N	80.94 W	2.00	2.00
4300.00	4.00	N 80.94 W	100.00	4299.84	1.10 N	6.89 W	6.98	6.98 N	80.94 W	2.00	2.00
4400.00	6.00	N 80.94 W	100.00	4399.45	2.47 N	15.50 W	15.69	15.69 N	80.94 W	2.00	2.00
4500.00	8.00	N 80.94 W	100.00	4498.70	4.39 N	27.53 W	27.88	27.88 N	80.94 W	2.00	2.00
4600.00	10.00	N 80.94 W	100.00	4597.47	6.85 N	42.98 W	43.52	43.52 N	80.94 W	2.00	2.00
4700.00	12.00	N 80.94 W	100.00	4695.62	9.86 N	61.82 W	62.60	62.60 N	80.94 W	2.00	2.00
4800.00	14.00	N 80.94 W	100.00	4793.06	13.40 N	84.03 W	85.10	85.10 N	80.94 W	2.00	2.00
END OF CURVE											
4800.02	14.00	N 80.94 W	0.02	4793.07	13.40 N	84.04 W	85.10	85.10 N	80.94 W	2.00	2.00
Interpolated CRITICAL POINT											
5060.69	14.00	N 80.94 W	260.67	5046.00	23.33 N	146.32 W	148.16	148.16 N	80.94 W	0.00	0.00
START OF CURVE											
5910.80	14.00	N 80.94 W	850.11	5870.86	55.72 N	349.42 W	353.83	353.83 N	80.94 W	0.00	0.00
6010.80	13.00	N 80.94 W	100.00	5968.09	59.39 N	372.47 W	377.17	377.17 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
6043.52	12.67	N 80.94 W	32.72	6000.00	60.54 N	379.65 W	384.44	384.44 N	80.94 W	-1.00	1.00
6110.80	12.00	N 80.94 W	67.28	6065.72	62.80 N	393.84 W	398.82	398.82 N	80.94 W	-1.00	1.00
6210.80	11.00	N 80.94 W	100.00	6163.71	65.94 N	413.53 W	418.76	418.76 N	80.94 W	-1.00	1.00
6310.80	10.00	N 80.94 W	100.00	6262.04	68.81 N	431.53 W	436.98	436.98 N	80.94 W	-1.00	1.00
6410.80	9.00	N 80.94 W	100.00	6360.67	71.41 N	447.83 W	453.48	453.48 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
6418.23	8.93	N 80.94 W	7.43	6368.00	71.59 N	448.97 W	454.64	454.64 N	80.94 W	-1.00	1.00
6510.80	8.00	N 80.94 W	92.57	6459.57	73.74 N	462.42 W	468.27	468.27 N	80.94 W	-1.00	1.00
6610.80	7.00	N 80.94 W	100.00	6558.71	75.79 N	475.31 W	481.32	481.32 N	80.94 W	-1.00	1.00
6710.80	6.00	N 80.94 W	100.00	6658.06	77.58 N	486.49 W	492.64	492.64 N	80.94 W	-1.00	1.00
6810.80	5.00	N 80.94 W	100.00	6757.60	79.08 N	495.96 W	502.22	502.22 N	80.94 W	-1.00	1.00
6910.80	4.00	N 80.94 W	100.00	6857.29	80.32 N	503.71 W	510.07	510.07 N	80.94 W	-1.00	1.00
7010.80	3.00	N 80.94 W	100.00	6957.11	81.28 N	509.74 W	516.18	516.18 N	80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
7053.75	2.57	N 80.94 W	42.95	7000.00	81.61 N	511.80 W	518.26	518.26 N	80.94 W	-1.00	1.00
7110.80	2.00	N 80.94 W	57.05	7057.01	81.97 N	514.04 W	520.54	520.54 N	80.94 W	-1.00	1.00

DIRECTIONAL INVESTMENT GUIDANCE

POGO PRODUCING CO.
 MOBIL FEDERAL # 8
 SEC. 29, T23S, R31E
 EDDY COUNTY, NEW MEXICO

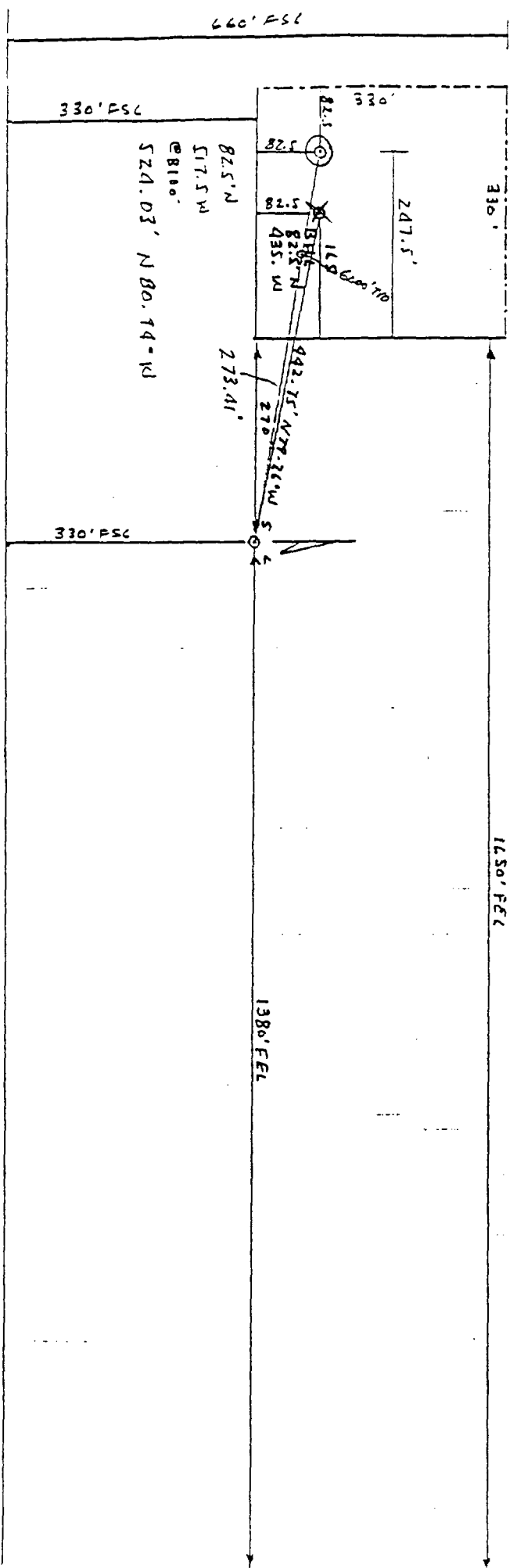
Calculated by Minimum Curvature Method
 Vert Sect Plane: N 80.94 W

- DIRECTIONAL WELLPLAN -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L		VERTICAL SECTION (FT)	C L O S U R E		BUILD RATE (DG/100')	DOGLEG SEVERITY (DG/100')
					RECTANGULAR	COORDINATES (FT)		DISTANCE (FT)	DIRECTION (DEG)		
7210.80	1.00	N 80.94 W	100.00	7156.97	82.38 N	516.63 W	523.16	523.16	N 80.94 W	-1.00	1.00
7310.80	0.00	N 0.00 E	100.00	7256.97	82.52 N	517.49 W	524.03	524.03	N 80.94 W	-1.00	1.00
TARGET											
7310.83	0.00	N 0.00 E	0.03	7257.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	-1.00	1.00
Interpolated CRITICAL POINT											
8013.83	0.00	N 0.00 E	703.00	7960.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00
Interpolated CRITICAL POINT											
8053.83	0.00	N 0.00 E	40.00	8000.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00
TARGET											
8153.83	0.00	N 0.00 E	100.00	8100.00	82.52 N	517.49 W	524.03	524.03	N 80.94 W	0.00	0.00

FIELD SURVEYOR'S
RICHARD WRIGHT

EDGAR Co., N.M.
MOBILE FEED # 8



Submit to Appropriate
District Office
State Lease - 4 copies
Federal Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

OCT 26 1992

NEW MEXICO

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
100 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

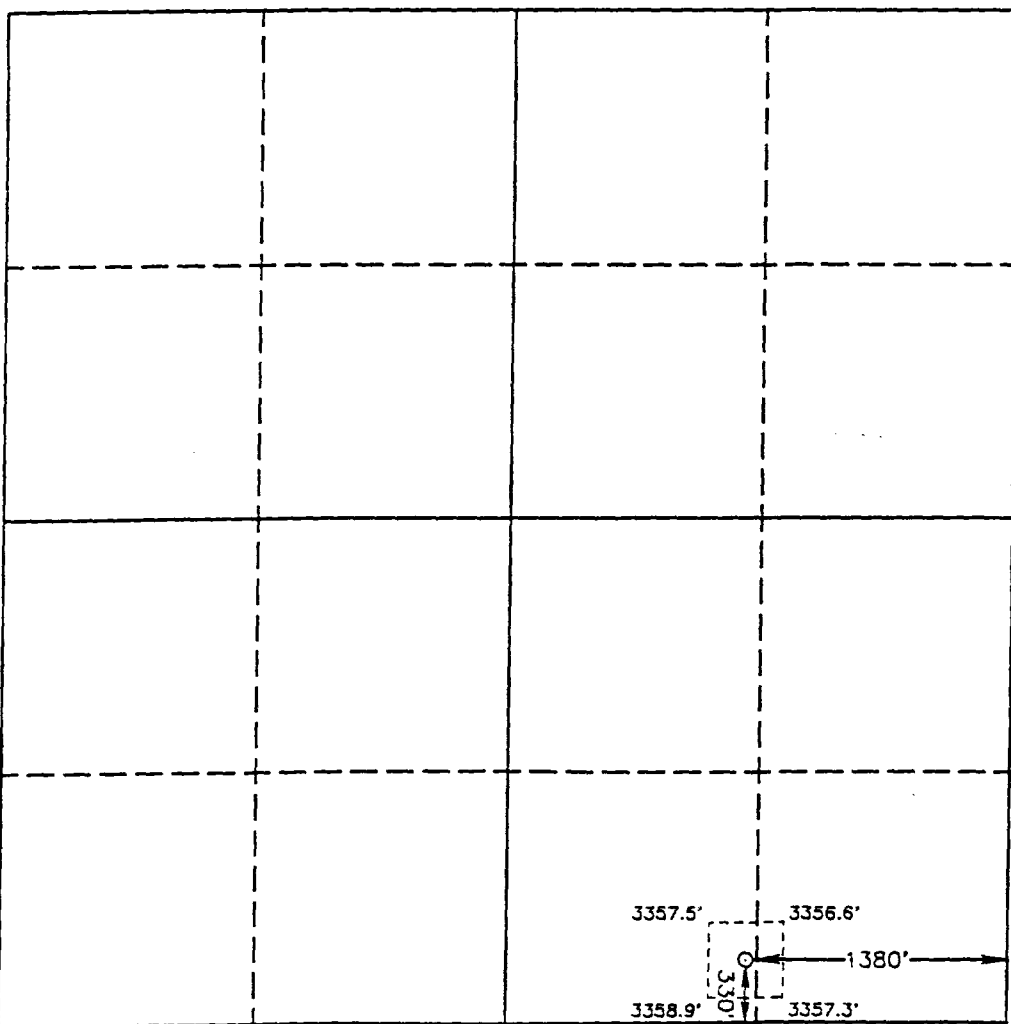
Operator POGO PRODUCING COMPANY		Lease MOBIL FEDERAL		Well No. 8
Unit Letter 0	Section 29	Township 23 SOUTH	Range 31 EAST NMPM	County EDDY
Actual Footage Location of Well:				
330 feet from the SOUTH line and		1380 feet from the EAST line		
Ground Level Elev. 3357.1'	Producing Formation	Pool	Dedicated Acreage: Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.) _____

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature _____

Printed Name _____

Position _____

Company _____

Date _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
OCTOBER 19, 1992

Signature & Seal of Professional Surveyor

Gary L. Jones

7977

Certificate No. JOHN W. WEST, 676
RONALD J. EDWARDS, 3239
GARY L. JONES, 7977

NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR