

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐

OTHER Wildcat

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

San Juan Venture

3. ADDRESS OF OPERATOR

6207 NW Expressway, Oklahoma City, Okla. 73132

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

N 990' FSL, 1850 FWL; SE/SW

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Est. 9 miles South of 44 Store on NM Hwy. 44

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

1600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

200'

19. PROPOSED DEPTH

1450'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6641' GL (Ungraded)

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	23#	30'	Circ.
6 1/2"	4 1/2"	9.5#	1450'	140 Sx Circ.

Drill 8 5/8" hole to 30' w/Spud Mud. Run 7" used casing, circulate cement to surface. Drill 6 1/2" hole to 1450'. Mud system fresh water Gel-Chem, weight 8.8# to 9.6# per gal., viscosity 30-38 cps, water loss 10cc or less. At TD run IES log. Run 4 1/2" casing, circulate cement to surface. Perforate Chacra Interval 1395'-1403'; if non-commercial, squeeze perfs, and perforate, acidize and/or frac La Ventana Interval 1260'-1279'; if non-commercial squeeze perfs, perf La Ventana Interval 1160'-1185'. Possibly same procedure La Ventana 1065'-1092' and Pictured Cliffs 695'-706'.

Est. Tops: Pictured Cliffs 690'; La Ventana 1052'; Chacra 1353'

Gas not dedicated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Agent

DATE

Kent Atkinson, P.O. Box 846, Durango, Colorado 81301

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 26 1978

U. S. GEOLOGICAL SURVEY

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator San Juan Ventures			Lease Midway		Well No. 3
Unit Letter N	Section 22	Township 22N	Range 8W	County San Juan	
Actual Footage Location of Well: 990 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 6641	Producing Formation <i>Chaco</i>		Pool <i>Wildcat</i>	Dedicated Acreage: 160 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 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 this form if necessary.) _____

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

	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Kerr B. Kerr Jr.</i> Name</p> <p><i>Agent</i> Position</p> <p><i>San Juan Ventures</i> Company</p> <p><i>April 26, 1978</i> Date</p> <p>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.</p> <p>Date Surveyed April 21, 1978</p> <p>Registered Professional Engineer and Land Surveyor <i>Fred B. Kerr Jr.</i> Fred B. Kerr Jr.</p> <p>Certificate No. 3950</p>
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DEVELOPMENT PLAN FOR SURFACE USE:

San Juan Venture
#3 Midway
SE/4 SW/4 Sec. 22, T 22 N-R 8 W
San Juan Co., N. M.
160 drill unit of SW/4 of Sec. 22
Lease # NM 13609

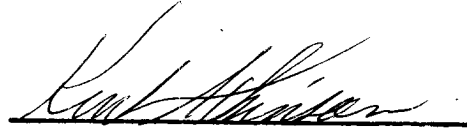
1. Existing Roads - See Exhibit No. 1, Topography Map
2. Planned Access Roads - See Exhibit No. 1
It is proposed to use existing access roads and improve as needed, and to construct approximately 200' of new road North from well No. 1. Roadway to be approx. 20' wide.
3. Location of Existing Wells - See Exhibit No. 2
4. Location of Production Facilities - If a gas well, a small production unit may be required. If an oil well, a pumping unit and tank battery would be installed on the pad after drilling is completed. All above ground equipment will be painted to B.L.M. recommendations.
5. Location and type of Water Supply - Fresh water for drilling will be hauled from Val Chapman water hole located between the "44" Store and Escrito Trading Post on State Hwy. 44.
6. Source of Construction Materials - None Required
7. Handling of Waste Materials
 - (a) Liquid waste to be retained in earthen reserve pit.
 - (b) Burnable waste to be placed in a burn pit and burned at appropriate times.
 - (c) Non burnable waste to be placed near burn pit and buried or hauled off on completion.
 - (d) Latrine facilities to be furnished by Contractor and waste hole filled on completion.
8. Ancillary Facilities - None required
9. Wellsite Layout - See Exhibit #3
10. Plans for Restoration of Surface - Upon completion of drilling, the waste pits to be fenced until liquids evaporate sufficiently for filling. Fill and grade down to conform as nearly as possible to topography and reseed per B.L.M. specifications.

Page No. 2

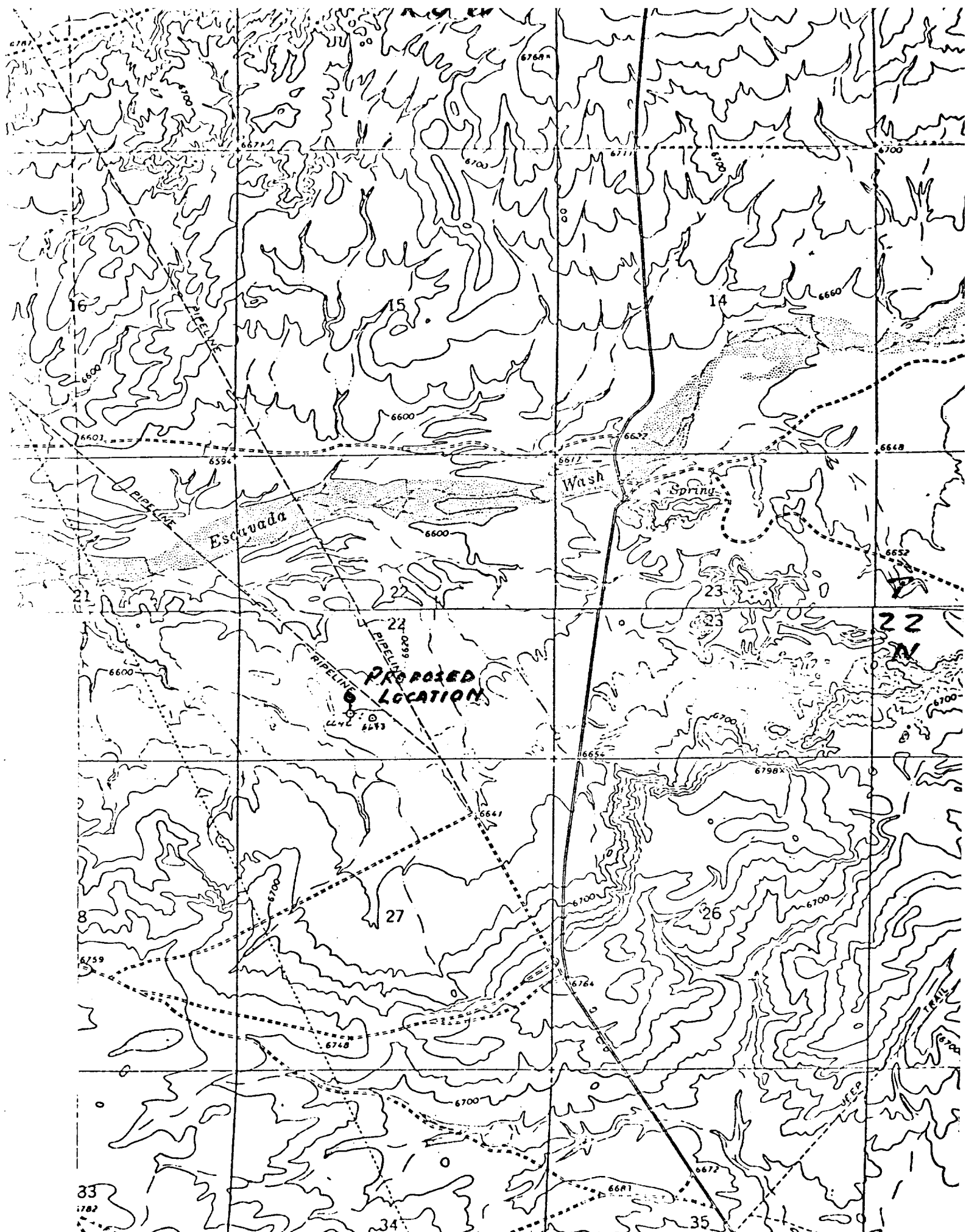
Development Plan for Surface Use - No. 3 Midway

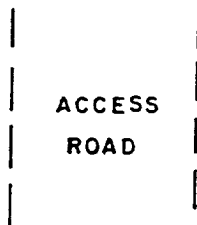
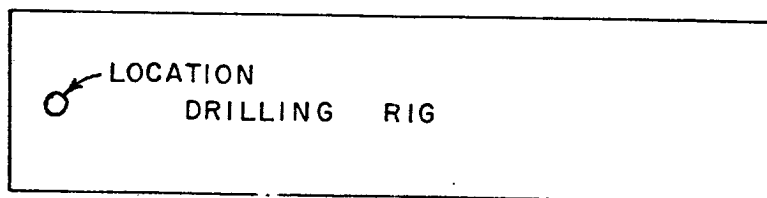
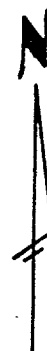
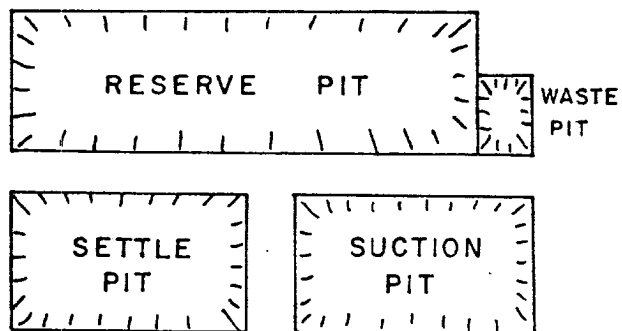
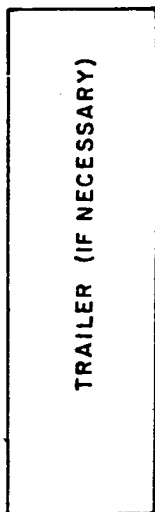
11. Other Information - Surface area of the proposed road and location is covered with sagebrush, snake weed, and various grasses. Area is entirely grazeland.
12. Operator's Representative - Kent Atkinson is acting field agent. Telephone is (303) 247-2075. Mailing address is P. O. Box 846, Durango, Colorado 81301
13. Certification - I hereby certify that I have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operation proposed herein will be supervised by me, drilling performed by Ludwig Drilling Co. or other prudent contractor, and other sub-contract work to be in conformity with this plan and the terms under which it is approved.

Date: April 17, 1978

A handwritten signature in cursive script, appearing to read "Kent Atkinson", is written over a horizontal line.

Kent Atkinson, Field Agent



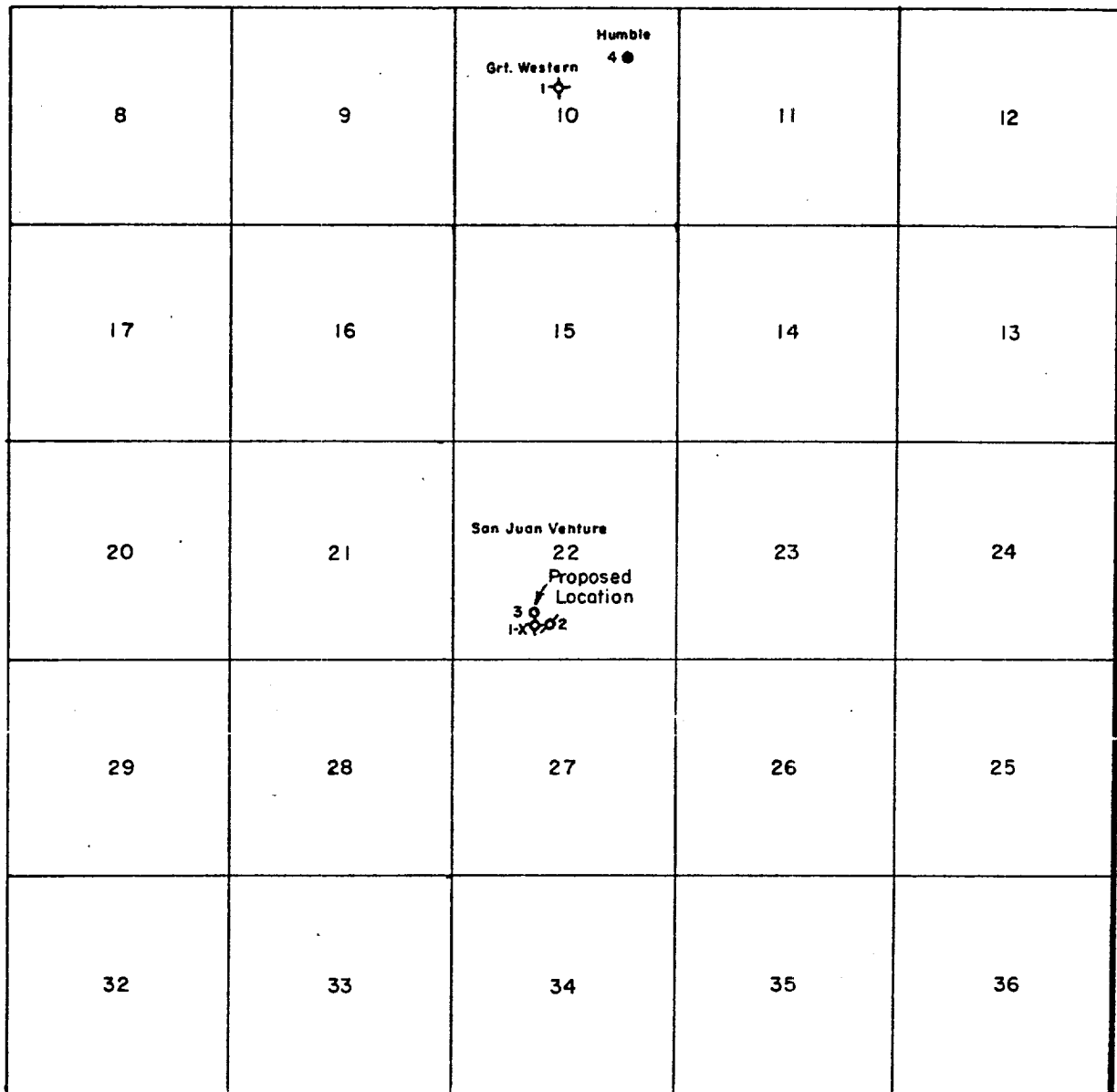


SCALE: 1" = 10' Approx.

WELLSITE LAYOUT
SAN JUAN VENTURE
NO. 3 MIDWAY

EXHIBIT 3

R 8 W



T
22
N

SCALE: 1"=4000'

SAN JUAN VENTURE
NO. 3 MIDWAY
SAN JUAN CO., NEW MEXICO

EXHIBIT 2