SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

	Form approvi udget Burea		42-R1	425.
20	-043	ر انتخار سا	50	
5. LEASE	DESIGNATION	AND S	ERIAL :	NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

GFOLOGICAL SURVEY

GEOLOGICAL SURVEY				NM-8888			
	Y FOR PERMIT T	O DRILL, [DEEPI	N, OR PLUG B	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1a. TYPE OF WORK DRI b. TYPE OF WELL	LL 🛚	DEEPEN [PLUG BAC	ж 🗆	7. UNIT AGREEMENT NAME	
	AS OTHER			NGLE X MULTIPE	e	S. FARM OR LEASE NAME	
WELL W 2. NAME OF OPERATOR	ELL ELI VIHER					Federal 8-20-2	
Renson Mine	ral Group. In	C -				9. WELL NO.	
3. ADDRESS OF OPERATOR	ral Group, In	<u> </u>					
3200 Anacon	da Tower, 555 eport location clearly and	17th St.	_ D	enver, CO 802	202	10. FIELD AND POOL, OR WILDCAT	
1. LOCATION OF WELL (R At surface	eport location clearly and	in accordance wit	h any S	tate requirements.*)		Wildcat Jane	
	790' FWL Sec	tion 8-T2	20N-	R2W		11. SEC, T., R., M., OB BLK. AND SURVEY OR AREA Section 8-T20N-R2W	
4 DISTANCE IN MILES	AND DIRECTION FROM NEAF	EST TOWN OR POS	T OFFIC	E*		NW SW 12. COUNTY OR PARISH 13. STATE	
						Candorral	
/.5 MILES S	outhwest of C	upa, New	Mex 16. N	O. OF ACRES IN LEASE	17. NO.	Sandoval N.M. of ACRES ASSIGNED	
LOCATION TO NEARES	r Line, ft.	790		1920	TOT	THIS WELL	
(Also to nearest drl 18. DISTANCE FROM PROI	POSED LOCATION*		19. P	L 9 Z U	20. ROTA	ARY OR CABLE TOOLS	
TO NEAREST WELL, I OR APPLIED FOR, ON TH	RILLING, COMPLETED,	None		1550		Rotary	
21. ELEVATIONS (Show wh		1.0110	t	1000		22. APPROX. DATE WORK WILL START*	
6874 GR.						As soon as permitt	
23.	F	PROPOSED CASH	NG AN	D CEMENTING PROGRA	M		
CIPT OF WATE	SIZE OF CASING	WEIGHT PER F		SETTING DEPTH	1	QUANTITY OF CEMENT	
SIZE OF HOLE	7"_used	23		100		100 sx circ.	
64	4½" new	9.5		1550		165 sx circ.	
Completion the study o Additional	f logs. This	stimulate acreage required b	ion is oy N	program will not dedicated TL-6 for the	l be d	determined from a gas purchaser. ication to drill	
zone. If proposal is to preventer program, if a 24.	TE PROPOSED PROGRAM: If drill or deepen direction of the control o	ally, give pertined	it data	plug back, give data on p on subsurface locations a Production Ma		red and trace excitat deposit. Give brown	
PERMIT NO.				APPROVAL DATE		RECEIVED	
APPROVED BY		Ti	TLE			— J un ° -5 1978 — —	
CONDITIONS OF APPRO	VAL, IF ANY:					• • • • •	
ok Ena	1						

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY DURANGO, COLO.

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All listances must be from the outer boundaries of the Section. Well No. Operator FEDERAL 8-20-2 BENSON MINERAL GROUP Unit Letter County Range 8 20N Sandoval Actual Footage Location of Well: feet from the South West line and line Ground Level Elev. Producing Formation Pocl Dedicated Acreage: 6874 Chacra 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? If answer is "yes," type of consolidation ____ Yes 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the Ellison Production Manager Benson Mineral Group, Inc Company June 2, 1978 Sec 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 7901 is true and correct to the best of my knowledge and belief. Fr

SUPPLEMENTAL INFORMATION TO FORM 9-331C REQUIRED BY NTL-6

Federal 8-20-2 Well #1
1650' FSL & 790' FWL Section 8-T20N-R2W
Sandoval County, New Mexico

The geologic name of the surface formation is: Tertiary Nacimiento

The estimated tops of important geological formations bearing hydrocarbons to be drilled are:

Formation	Depth	Elevation
Pictured Cliffs Chacra	560 1420	+6320 +5460
Total Depth	1550	

Estimated K.B. elevation: 6880

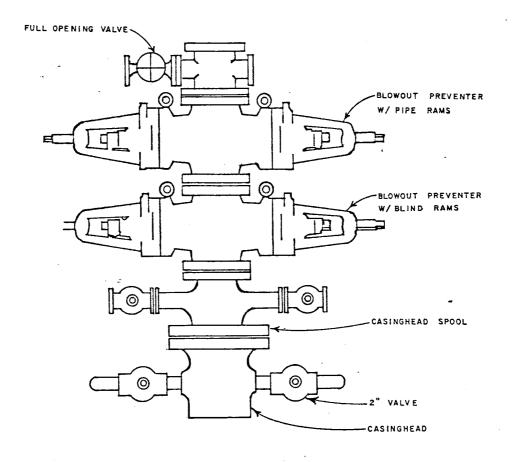
Estimated Depth	<u>Casing</u> <u>Size</u>	Casing Weight	Hole Size	Sacks Cement	Type
100	7" Used	2-3	12¼"	100	Class "B" 2% CaCl ₂
1550	4½" New	9.5	64"	50 115	Class "B" Class "B" 50-50 Poz mix, 6% gel with ¼# Celloflake/sack

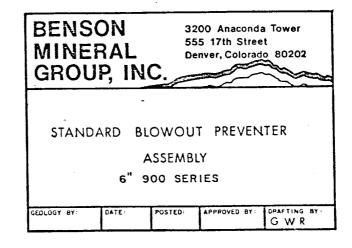
Benson Mineral Group Inc.'s standard blowout prevention will be employed, see the attached drawing of the preventor design.

Drilling fluid to be a low solids non-dispersed mud system.

The logging program will be as follows: Induction-Electric and Compensated Density-Gamma Ray from surface casing point to total depth.

Past experience in this area has shown that no abnormal pressures, temperatures, or hydrogen sulfide gas will be encountered.

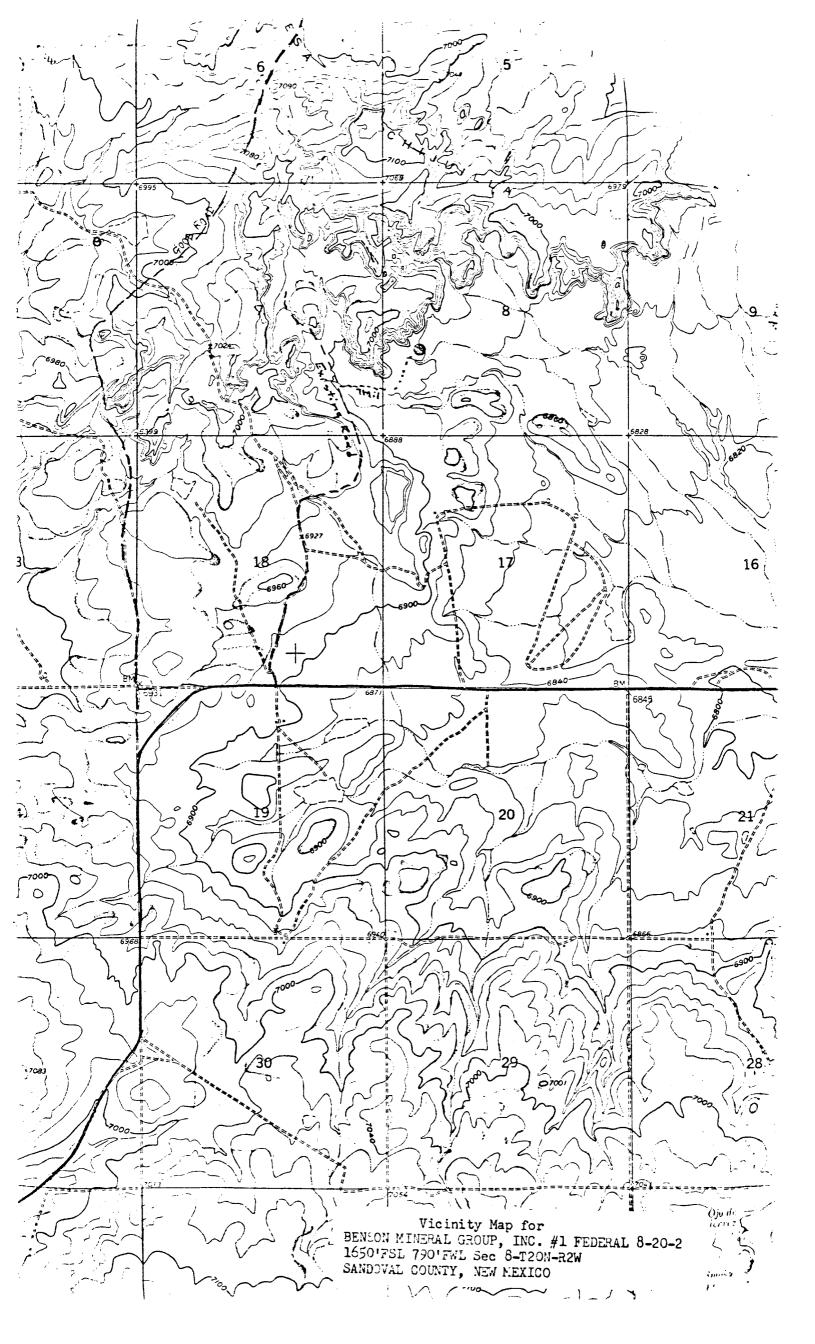


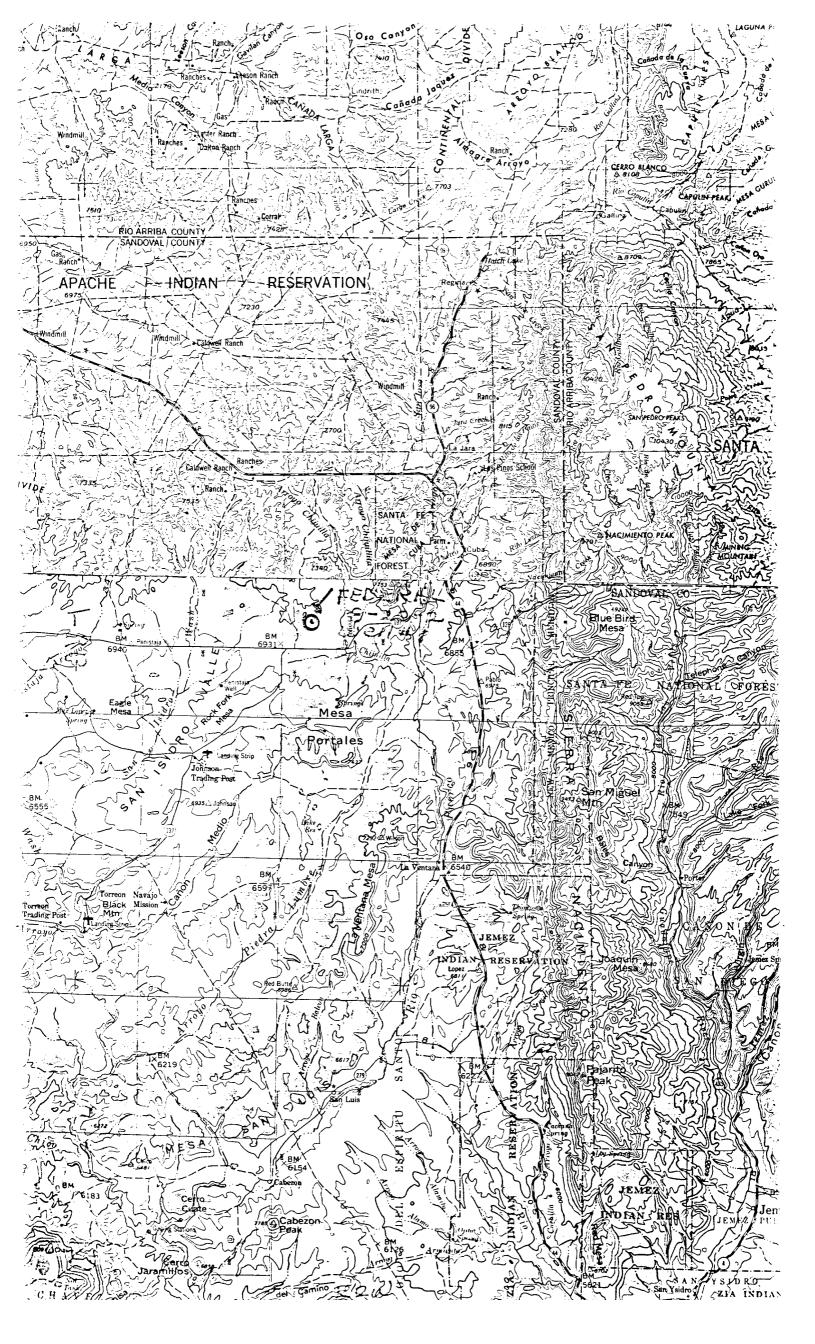


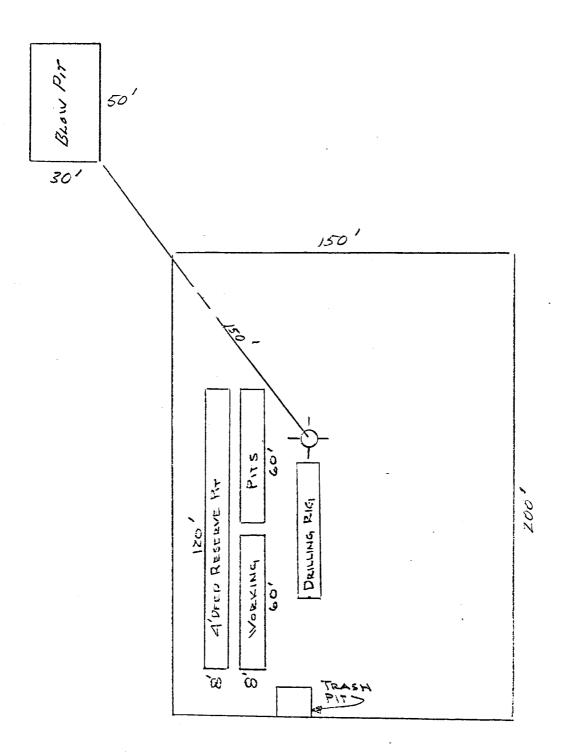
MULTI-POINT SURFACE USE PLAN

Federal 8-20-2 Well #1
1650' FSL & 790' FWL Section 8-T20N-R2W
Sandoval County, New Mexico

- 1. The attached road map and sketch show the proposed route to the location and distances from towns.
- 2. An access road of one half mile will be constructed as a new permanent road to location.
- 3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
- 4. There are no storage tanks or facilities located within a one-mile radius of our proposed location.
- 5. Water will be hauled by truck from various existing water sources over existing permanent roads.
- 6. No construction materials will be hauled in for this location. Material from high points on location will be used to level location for proper drilling.
- 7. A 20' X 120' pit will be built on location to hold all drilling waste. Upon completion of well, all waste and liquid will be hauled by truck and bladed into existing roads. All other waste will be covered in 20' X 120' reserve pit.
- 8. There are neither airstrips nor camps in the vicinity.
- 9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet.
- 10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drilling mud will be hauled away and the reserve pit back filled. Reseeding of the site will be carried out as detailed by the Surface Management Agency at the time at the site examination.
- 11. The general topography and soil characteristics consist of fairly level terrain with vegetation of sagebrush and a few small pinion trees.
 - Representatives of the U.S. Geological Survey's Albuquerque Office and Bureau of Land Management's Durango Office will inspect the site. Cultural resources inspection will be conducted by an archaeologist from San Juan College or Salmon Ruins.
- 12. A Certification Statement by Benson Mineral Group, Inc.'s representative is included.







PROPOSED LOCATION

Federal 8-20-2 Well #1 1650' FSL & 790' FWL Section 8-T20N-R2W Sandoval County, New Mexico

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, 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 operations proposed herein will be performed by BENSON MINERAL GROUP, and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

June 2, 1978 Date

Paul C. Ellison

Production Manager

Benson Mineral Group Inc.'s Representative:

Paul C. Ellison

Phone: Office: 303-893-0883; Home: 303-979-9021

Address: 3200 Anaconda Tower

555 17th Street

Denver, Colorado 80202