SUBMIT IN TRIPLICATE. 30-034-7249/ 5. LEASE DESIGNATION AND SERIAL NO.

(Other instructions on reverse side)

UNITED STATES
DEPARTMENT OF THE INTERIOR

Form Budget	approved Bureau	No.	42-R142
Budget	Bureau	No.	42-R142

		GICAL SURVE		OD DUILO D	A C1/	6. IF ENDIAN, ALLOT	TEE OR TRIBE NAME	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK							 '	
DRILL DEEPEN DEEPEN PLUG BACK					7. UNIT AGREEMEN	r NAME		
b. TIPE OF WELL	AS 🗀			SINGLE MULTIPL	• 🗆 🗓	8. PARM OR LEASE		
WELL X W	ELL OTHER			ZONE LJ ZONE		Federal	D =	
Dietrich Expl	loration				:	9. WELL NO.		
O			_	1- 00000		10. FIELD AND POO		
410 17th Str	eet - Suite 2450), Denver Co	010	rado 80202		4 11 3 5		
4. LOCATION OF WELL (R	eport location clearly and	in accordance wit	n any	FIGURE CENT		Lybrock G	OR BLK.	
1860'	from North Line	•		RECEIV		AND SURVEY OF	2 1	
2265' from West Line			ANG KINSU		Sec: 6 - T23N - R7W			
14 DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFF	CB*		12. COUNTY OR PAR		
2½ miles	N.W. of Lybrook			U. S. GEOLOGICAL S	SURVEY_	Rio Arriba	New Mexico	
15 DIRTANCE FROM PROP	USED*		16.	NO. OF ACRESIANICHMEN, N	1 17. NO.	OF ACRES ASSIGNED		
LOCATION TO NEARES PROPERTY OR LEASE (Also to nearest dri	LINE FT.					-		
10 PERSON PROM PROM	POSED LOCATION*	None	19.	PROPOSED DEPTH 5800	20. ROT	ROTARY		
OR APPLIED FOR, ON TH	IIS LEASE, FT.				<u> </u>	F 22, APPROX. DAT	WORK WILL START	
21. ELEVATIONS (Show wh	hether DF, RT, GR, etc.)	cossi anour	,d		7	10-15	2 .	
23.		6955' grour		ND CEMENTING PROGRA	AM .			
2 13.				SETTING DEPTH	1	QUANTITY OF C	BMENT	
SIZE OF HOLE	BIZE OF CABING	WEIGHT PER F		300'		275 sks	112	
121/4	8 5/8	10.5	`	5800'	1:	200 sks - 2	stage	
7 7/8	4 ½			casing and cemer	+1	h 275 eke C1:	ass B	
sketch. Dr. hole with a and water ! with gamma full depth pay zones, hazardous o Estimated t Fro Cha	ill 7 7/8" hole low solid non-coss 8-10 cc. Re ray and caliper and cement. Cem frac treat and conditions are ecops of Geologica aitland - 1712' cture Cliff - 18 acra - 2294' iff House - 2734	dispensed mun dual ind. If electent to cover place on proxpected. Markers: 74' f proposal is to denally, give pertine	ud uet ric r c codu	l blowout prevent water. From 525 wt. 9.0-9.3 lbs., ion lateral log a logs are satisfa corrosive Mesa Vent ction. No abnorm Pt. Lookou Mancos - 4 Gallup - 5 or plug back, give data on subsurface locations a	/gal., and fo actory rde fo mal te t - 41 450'	34-40 sec. rmation dens run 4½" 10. rmation. Per emperatures, SEP 1 OIL CON reductive sone puls	viscosity, ity log 5# casing rforate pressures, or 0 1980 COM.	
BIGNED	OKI		CITI.E	Agent		DATE	7.00	
(This space for Fe	ederal or State office use)		_ ==					
PERMIT NO.				APPROVAL DATE		APPROVE	0	
	•	_	F1001 P		1 4	ALLKIN	FD-1	
APPROVED BY	ROVAL, IF ANY :		FITLE		A	5 AMENO		
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Jetter pros					JAMES F. SIN DISTRICT ENGIN	IFER		
/ 100			 :: • •	1800C		DISTRICT ENGIN	16.5.	

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO JUERGY AND MINTERALS UCPARTMENT

P. O. DOX 2048

SANTA FE, NEW MEXICO 87501

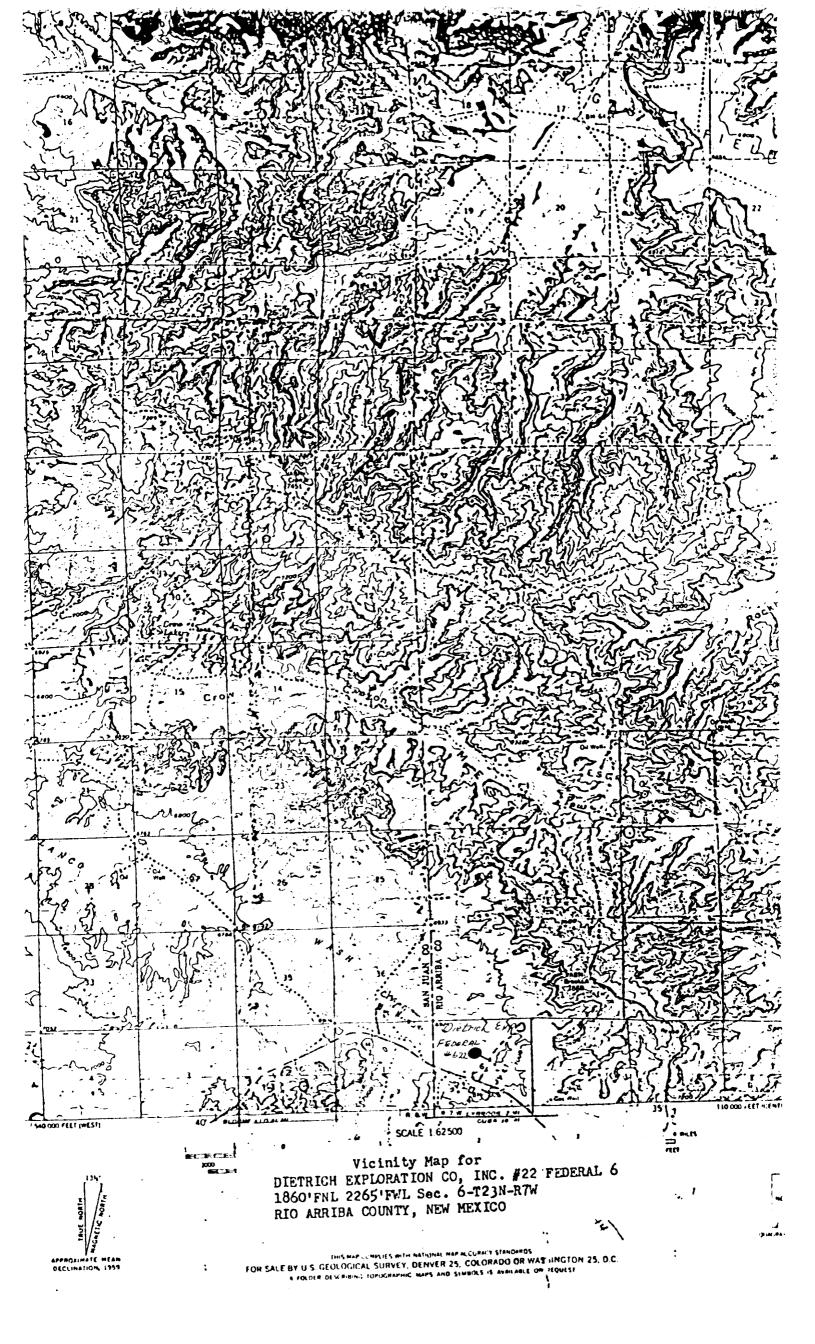
IATE C-102 kevised 10-1-71

All distances must be from the cuter leaundaries of the Section. Well No. Operator 22 FEDERAL 6 DIETRICH EXPLORATION COMPANY, INC. County Range Section Unit Letter Rio Arriba 7W 23N Actual Footage Location of Wells feet from the West 2265 line North line and Dedicated Acreages Producing Formation Ground Level Elev. Астов Gallus 6955 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 . 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 22651 とっていってい DIETRICI Sec. 6 OIL CON DIS 01 1980

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SURFACE USE AND OPERATIONS PLAN - Dietrich Exploration - FEDERAL # 622

- 1. Existing Roads shown on the enclosed topographic map. (Exhibit A)
- 2. Planned access road See enclosed map exhibit A. Road will be 20' wide with culverts installed as necessary.
- Location of existing wells Shown on the enclosed topographic map. (Exhibit A)
- 4. Existing production facilities owned by this operator are on the location of the Hat Tah E Yazzie #1 shown on map (Exhibit B) consisting of a heat treater, tank and gas compresser station.
- 5. Location and type water supply A natural spring on Val Chapman's property located at Escrito trading post approximately 2 miles to the Southeast.
- 6. Construction materials none required.
- 7. Waste Disposal A burn pit will be provided for disposal of trash. A reserve pit will be used to dispose of drilling fluids and cuttings.
- 8. Ancillary Facilities None required.
- 9. WEll site layout See enclosed plat (Exhibit C)
- 10. Surface restoration When pits are in suitable condition they will be filled All disturbed surfaces not used after drilling and completing will be graded to blend into the natural terrain and seeded.
- 11. Other information See Archaeological Survey
- 12. Operator's Representative: J D Hicks, P. O. Box 174, Farmington, New Mexico 87401 Phone 327-4902 or 325-3950.
- 13. 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 <u>Dietrich Exploration</u>

 <u>Company, Inc.</u> and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

8/2/80)

Name and Title

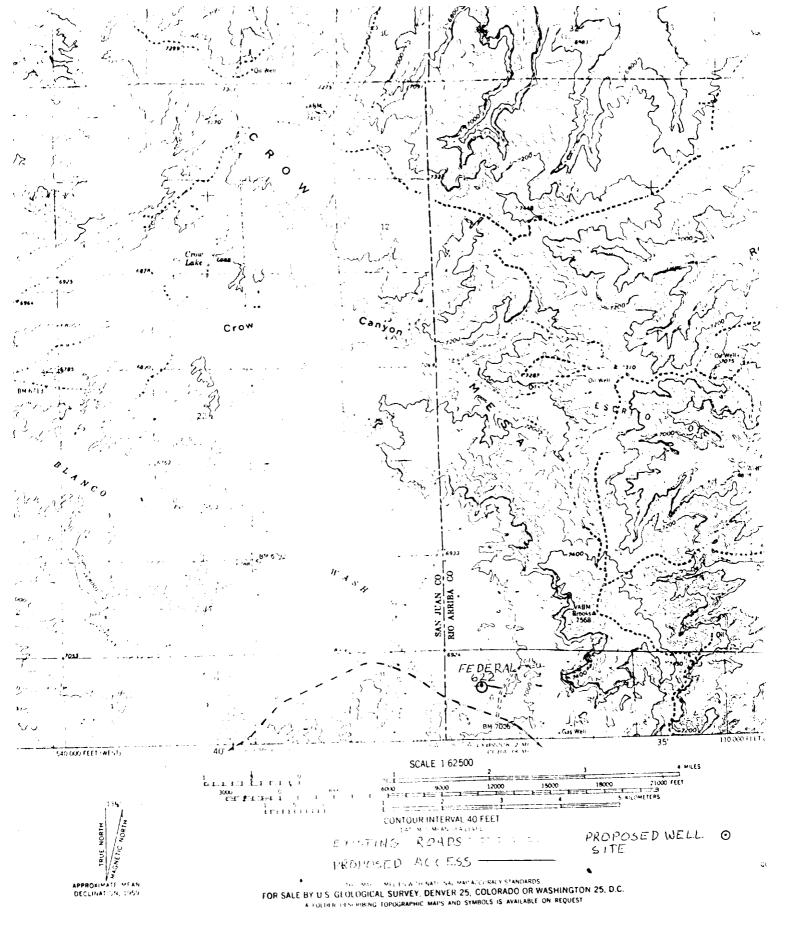


EXHIBIT A

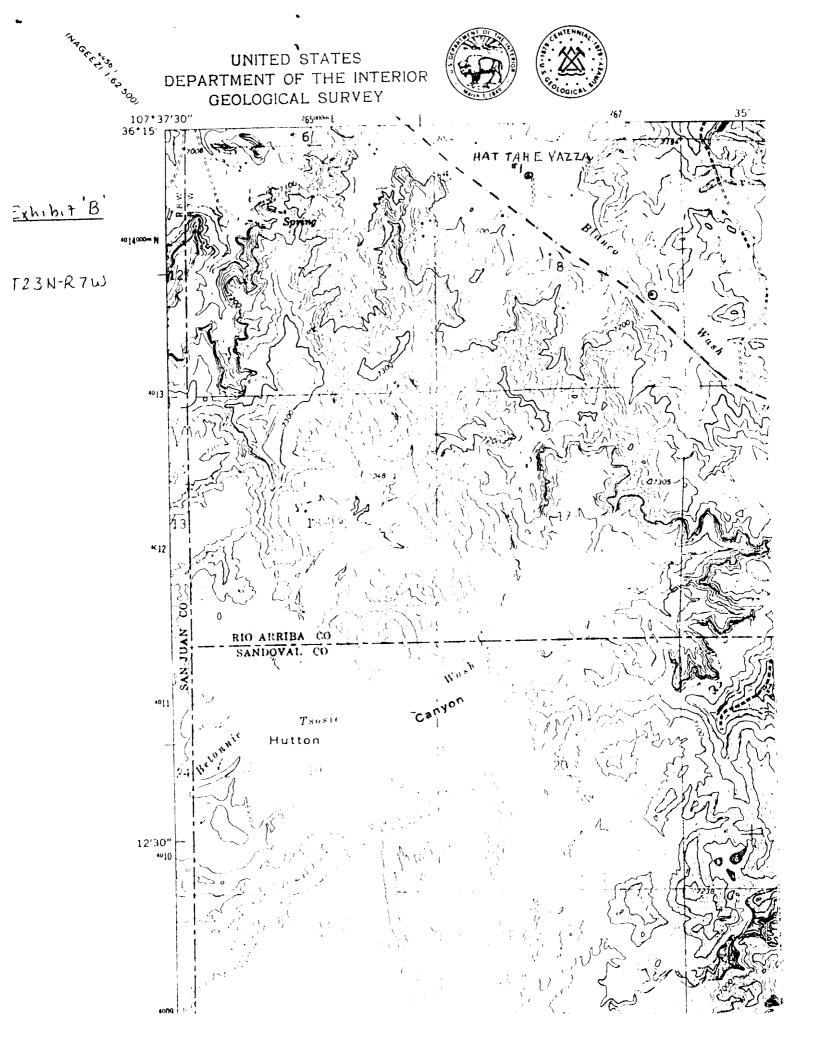
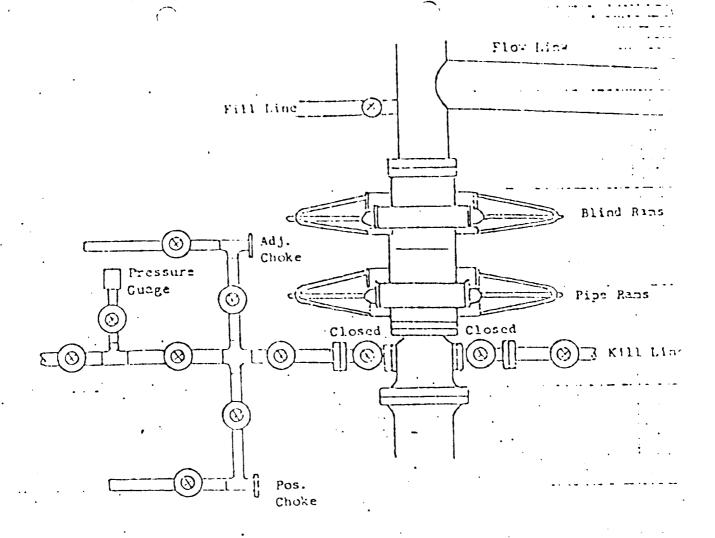


Exhibit C

DATE ————WELL NO		Parking Area	Perrick Gry		
Re 15	serve Pit	Cat Walk Pipe Racks	* X		
		Steel Mud Pit	Electric Generato + Fuel Stora	of the state of th	3/0/
Ac	Burn Pit				
Act	;		140'		



All valves 2"

All BCPs, flanges, spools, valves, & lines must be series 900 or 3000 psi working press.

Choke manifold must be at ground level and extended out from under substructure.

HICKS ENCO, INC.

REQUIRED MINIMUM BLOWOUT PREVENTOR ..

ROOKUP

Report 80-SJC-219
Permit 80-NM-004
79-NM-123 with
Navajo Tribal Consent
to Issuance #52

An Archaeological Clearance Survey of Two Proposed Well Locations & Access Roads Conducted for Dietrich Exploration Company, Inc.

Ruth Henderson Cultural Resource Management San Juan Campus New Mexico State University

29 July 1980

An Archaeological Clearance Survey of Two Proposed Well Locations & Access Roads Conducted for Dietrich Exploration Company, Inc.

On 8 July 1980, Ruth Henderson from the Cultural Resource Management Program, New Mexico State University, San Juan Campus, conducted an archaeological clearance survey of two proposed well locations and access roads for Dietrich Exploration Company, Inc. at the request of Mr. J. D. Hicks from Hicks, Enco, Inc.

Present during the survey were Mr. Hicks, Mr. Steve Shafran from the U.S. Geological Survey - Farmington office, and Mr. Davey Morris from the Bureau of Indian Affairs - Navajo Agency in Crownpoint.

The proposed well locations and access roads are on public land administered by the U.S. Bureau of Land Management and land administered by the Navajo Tribe, and were surveyed under Federal Antiquities permits 80-NM-004 and 79-NM-123 with Navajo Tribal Consent to Issuance #52.

METHODOLOGY

Each well location was surveyed by walking parallel transects, seventy-five feet apart, over the 300 by 300 foot easements. The access roads were surveyed by walking the flagged routes from the existing roads to the wells and back.

GENERAL RECOMMENDATIONS

No cultural resources were found during the course of the survey, therefore archaeological clearance is recommended for the inspected areas. Proposed Well:

DIETRICH EXPLORATION - FEDERAL 6 #22

Land Status:

Bureau of Land Management.

Location:

The proposed well location is in the NE½ of the SE½ of the NW½ of Section 6, Township 23 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico. The well will be 1860 feet from the north line and 2265 feet from the

west line of Section 6. (Figure 2)

U.T.M.:

Center - 13; 2,65,000 mE; 40,15,210 mN.

Access:

20 feet wide and 2000 feet long, approaching the loca-

tion from the southeast.

Area Surveyed:

2.98 acres.

Terrain:

Drainage bottom with northwesterly drainage, alluvial

surface deposits, and sandstone outcrops.

Soil:

Clayey loam.

Vegetation:

Sagebrush, blue grama, prickly pear cactus.

Oltural Resources:

None found.

Recommendations:

Clearance recommended.

