SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

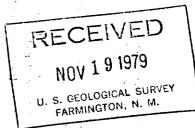
30-045-24005

UNITED STATES DEPARTMENT OF THE INTERIOR

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	121"	8-5/8"	24#		120'		Cmt t	to surface	
	6 3/4"	4 1/3"	9.5 #	1	700'				

Energy Reserves Group, Inc. proposes to drill the above referenced well with rotary tools from surface to T.D. The anticipated zone of completion is the Pictured Cliffs Formation @ 1400' - 1700'.

Gas is dedicated to the El Paso Natural Gas Company



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

reventer program, if any.	structic data on subsurface locations and measured ar	tu true vertical deptus. Give blowout
signed Willia - Auto	TITLE Field Services Admini	St DATE 11-13-79
(This space for Federal or State office use)	APPROVAL DATE	979,519
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	RIBACOCK	The state of the s

oh Such NMOCC

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 CANTA FT. NEW MEXICO 8750

Form C-102 Revised 10-1-78

SANTA FE, NEW MEXICO 87501
All distances must be from the cuter boundaries of the Section.

Operator				Lease					Well No.	ļ
• ENERGY RESERVES GROUP			1	GALLEGOS CANYON UNIT					301 -	
Unit Letter	Section	Township		Range	•	Cou	nty			
I	20.	29N		1	.2W	1	San	Juan		
Actual Footage Loc	cation of Well:					-				
1620	feet from the	South	line and	900		feet from	the	East	line	
Ground Level Elev.	Producing Fo	rmation //		Pool		~		A (()	edicated Acreage:	
5522	Pictor	> CLH		WEST	KUTZ	. Pictu	200	C1.H5]	160 - A	стев
1. Outline th	ne acreage dedica		subject we					narks 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										
this form i No allowa	if necessary.) ble will be assign	ed to the we	ell until all	interests	have be	en conse	olidate	d (by comm	unitization, unitizat	ion,
Γ									CERTIFICATION	
				! ! !				tained here	rtify that the information in is true and complete to knowledge and belief.	
	+				 			Name Position	MOEC ADMINUSTR	
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	1 5	Sec.						Date 11-13	579	
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	1 1 1			; ;					pfessional Engineer	
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Supplemental to Form 9-3310

1. The geologic name of the surface formation.

Nacimento

2. The estimated tops of important geologic markers.

Kirtland 200' Fruitland 1000' Pictured Cliffs 1400' T.D. 1700'

3. The estimated depths at which anticipated water, oil, gas, or other mineral-bearing formations are expected to be encountered.

The Pictured Cliffs Formation @ 1400' - 1700' is expected to be gas productive.

4. The proposed casing program, including the size, grade, and weight-per-foot of each string and whether new or used.

8-5/8" 24# @ 120'-200' Cmt to surface
4½" 9.5# @ 1700' Cmt to surface

5. The lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency.

Pressure control equipment to consist of an 8" hydraulically operated double ram BOP series 900, 3000#. The BOP will be pressure tested to 500 psi after installation and prior to drilling out from under surface casing.

surface casing.

 The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.

Well is to be drilled with gel mud plus required additives for hole conditions and formations to be drilled. Normally about 25 sx. of gel will be on location at one time.

7. The auxiliary equipment to be used, such as (1) kelly cocks, (2) floats at the bit, (3) monitoring equipment on the mud system, (4) a sub on the floor with a full opening valve to be stabbed into drill pipe when the kelly is not in the string.

Kelly cock stop for 3½" drill pipe, and a full opening floor valve

Page 2

8. The testing, logging, fracing, and coring programs to be followed with provision made for required flexibility.

No coring is planned, no DST's are planned. Logs will probably be IES only. Nitrogenwater (feam) fracing consisting of approximately 20,000 gal. of 70% quality feam with 25,000# 10-20 sand.

9. Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards.

No abnormal pressures or temperatures are anticipated. H2s is not a potential problem in the area.

10. The anticipated starting date and duration of the operations.

It is planned to commence operations as soon as regulatory approval has been received and a rig can be obtained. It is anticipated it will take 3-4 days to drill and log this well.

MULTI-POINT SURFACE USE PLAN

1. EXISTING ROADS

Go east from Farmington 4 miles, turn North for approx 3/8 mile.

2. PLANNED ACCESS ROADS

Aprox. 4 mile of new access toad will be required.

3. LOCATION OF EXISTING WELLS

See attachments

LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. (1) None anticipated
 - (2) A separator may be required if well produces fluid.
 (3) N.A.

 - (4) If the well is a producer, El Paso Natural Gas Co. will install gathering line under a right-of-way permit.
 - (5) N.A.
- (6) N.A.

 B. If the well is productive, all facilities will be within the disturbed area. A small pit (20'x20') may be required if any water is produced. The pit will be fenced w/sheep wire to protect livestock and wildlife.

 C. If the well is productive, the reserve pit will be fenced and allowed to dry up. As soon as it is dry, it will be filled and the area restored to its original contour. All trash and debris will be removed.

If the well is dry, the pit will be fenced and allowed to dry. The location and access road will be recontoured and reseeded as per BLM specifications.

LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled by truck, probably from the San Juan River.

SOURCE OF CONSTRUCTION MATERIALS

None anticipated.

METHODS FOR HANDLING WASTE DISPOSAL

- (182) All cuttings and drilling fluids will be contained in the reserve pit.
 - Produced fluids, if any, will be contained in protable tanks, unless it is good water which will be directed into the pit and allowed to evaporate or soak into the ground.
- (4)A portable toilet will be used during drilling and completion operations.
- All trash will be buried in a small trash pit along side of the reserve pit . (6) See item 4.C.
 ANCILLARY FACILITIES pit

None required.

9. WELL SITE LAYOUT

- (1) See attachment
- (2) See attachment
- (3) See attachment

(4) It is not planned to line any pits PLANS FOR RESTORATION OF SURFACE

Upon completion of the well, the reserve pit will be fenced and allowed to dry Any accumulation of oil will be skimmed off the pit and trucked to a disposal

The disturbed area will be recontoured to its original contour and reseeded as per BLM's recommendations. It is planned to commence rehabilitation as soon as the pit has dried and weather permits.

11. OTHER INFORMATION

- (1) The area is generally rolling hills near the well site. The soil is composed mostly of sand with only sparce vegetation. Sage brush, cactus and assorted native grasses. Wildlife consists of rodents and birds.
- (2) The surface is public land and is not presently used for any activity, ie: grazing, recreation, etc. (3) The San Juan River is appx. $\frac{1}{2}$ mile south of the proposed well.

There was no evidence of any historical archaeological or cultural sites in the area to be disturbed.

CERTIFICATION ATTACHED.

CERTIFICATION

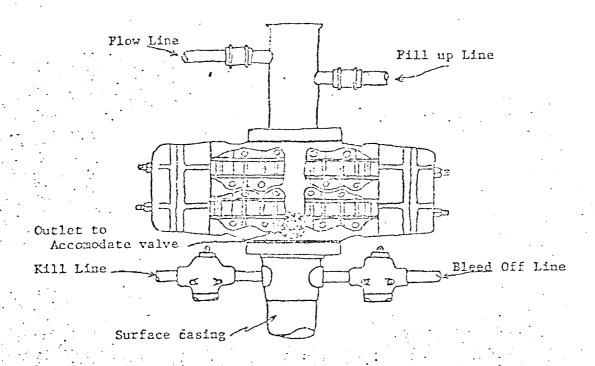
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

9-13-79 Date

Name and Title

FIELD SERVICES ADMINISTRATOR



Blowout preventer is Shaffer double hydraulic equipped with drill pipe rams in the top and blind rams in the bottom.

Blowout preventer closing unit is Koomey 30 gallon accumulator unit.

When choke manifold is used, it will be installed downstream from bleed off valve.

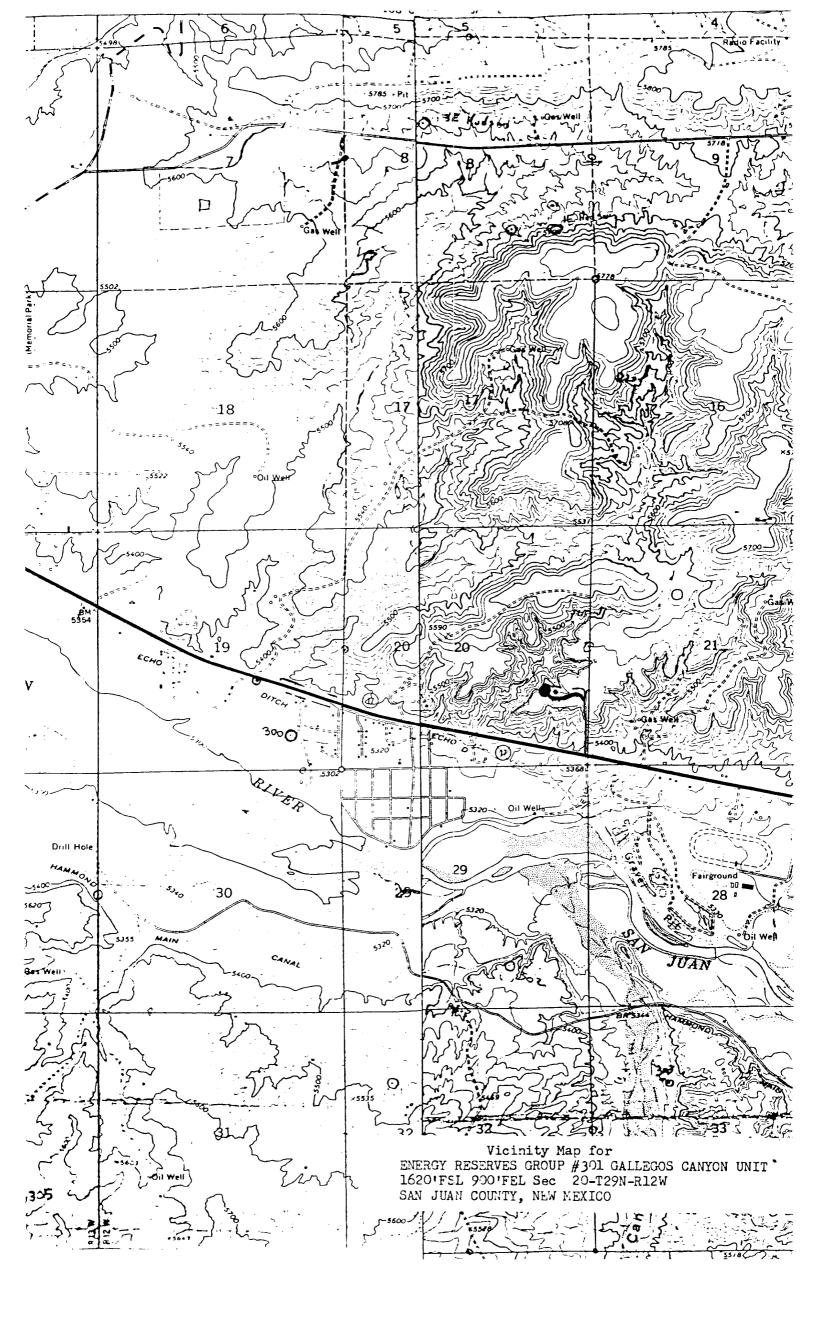
Kill line or bleed off line may be installed at flanged opening in blowout preventer.

Da dagear Charges and to the 301

Typical Location Plit for Pertined Mits Well

Tunk Cut: 250 model 10 5 5 m مريد ل ريد د ر

V ON



Well Name Gallegos Canyon Unic Location SF 20-29-12	t#301
Location SF 20-29-12	<u> </u>
Formation P.C.	
	•
We, the undersigned, have inspected this location	n and road.
U. S. Forest Service	Date .
Archaeologist,	10/16/79
	Date: ' '
Bureau of Indian Affairs Representative	
A DAIL	Date
Bureau of Land Management Representative	10/16/75
	Date /
U. S. Geological Survey Representative	10/16/79
·	Date
Seed Mixture:	
Equipment Color: BROWN	
Road and Row: (Same) or (Separate)	•
Remarks:	