SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

(Other instructions on reverse side)

UNITED STATES

DEPARTMENT OF THE INTERIOR

APPLICATION	SF 078105 078106 6. If Indian, allottee or tribe name						
a. TYPE OF WORK DRI b. TYPE OF WELL	LL X scale X other	DEEPEN []	PLUG BACK NULTIPLE ZONE		7. UNIT AGREEMENT NAME Gallegos Canyon Unit 8. FARM OR LEASE NAME		
Energy Reserve B. Address of Operator P.O. Box 3280	es Group, Inc. , Casper , Wyomi	ing 82602			9. WELL NO. 314 10. FIELD AND POOL, OI		
At surface At proposed prod. zone		1560' FWL			West Kutz Pict 11. SEC., T., R., M., OR B AND SURVEY OR ARI Sec. 17, T28N- 12. COUNTY OR PARISH	LK. FA - R12W	
Approximate 5. Distance FROM PROPOLED TO OR LEASE LEA	INE, FT. . unit line, if any) 1.5 OSED LOCATION* RILLING, COMPLETED, S LEASE, FT.	n east of Farmin 16. No. 560' 1 19. PRO	* **	17. NO. 0	San Juan of acres assigned His well 160 RY OR CABLE TOOLS ROTARY 22. APPROX. DATE WOI	New Mexico	
5,648	GR (ungraded)	ROPOSED CASING AND	CEMENTING PROGR	AM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	AM	QUANTITY OF CEMEN	т	
12-1/4" 6-3/4"	8-5/8" 4-1/2"	24# 9.5#	120' 1,850'		ment to surface		
from the surface of t	es Group, Inc. pace to T.D. plan of operation ted to El Paso les proposed Program: If paced in the difference of the difference of the paced in the difference of the paced in the difference of the paced in the p	ons. Natural Gas Comp	Ing back, give data on p	oresent prod	luctive zone and proposed	d new productive	
oreventer program, if any 24.					rator DATE	·	
	rat or single office diser		APPROVAL DATE				
CONDITIONS OF APPROX	LOI EN9801 SEE FINAMINALIA MOT ENGLISER	TYOLE			DATE		

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-78

All distances must be from the cuter houndaries of the Section.

1.5	 		11.000	 		Well No.					
Operator	TOTAL CONTRA	Lease	CANVON INTO	314							
ENERGY RESERVES GROUP Unit Letter Section Township			Range	CANYON UNIT							
	1	28N	12W		Juan						
F Actual Footage Loc	17	2014	1211	Jan	Duan						
1580	NT	rth line and	1560		West	14					
Ground Level Elev:			IPool	feet from the	11000	line Dedicated Acreage:					
5648		d Cliffs	West Kutz Pi	atumed Olife	£.						
	 										
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.											
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74601						<u>Services Administrator</u>					
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management of the court of the Control of the		10.7.19.0	1								
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Supplemental to Form 9-331C

- 1. The geologic name of the surface formation is the Nacimento.
- 2. The estimated tops of important geologic markers.

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Kirtland @ 380'
Fruitland @ 1,280'
Pictured Cliffs @ 1,600'
Total Depth @ 1,850'
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3. The estimated depths at which anticipated water, oil, gas, orother mineral-bearing formations are expected to be encountered.

The Ojo Alamo Formation is located between 100'-700' depending on the area. The Ojo Alamo is fresh water bearing sand.

Fruitland @ 1280' may be gas productive Pictured Cliffs @ 1600' is expected to be gas productive.

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

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8-5/8", 24#, K-55, ST&C, New Casing
4-1/2", 9.5#, K-55, ST&C, New Casing
(4-1/2" will be cemented to the surface)
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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.

BOE will consist of and 8" series 900, 3000 psi double ram BOP. The BOP will be tested to 500 psi after installation and prior to drilling out from under surface casing.

6. 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.

This well will be drilled using a chemical ge mud plus required additives for hole conditions and formations drilled. Normally about 25 sacks of gel will be on location at one time. Additional materials are available locally in the Farmington Area which could be hauled to the location within thirty minutes.

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.

A kelly cock stop for 3-1/2" drill pipe plus a sub with a full opening valve with drill pipe thread will be available on the rig floor

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

No coring is planned and no DST's are planned. Logs will consist of IES, CNL and FDC. Fracing will consit of Nitrogen water (foam) fracing, approximately 20,000 gallons of 70% quality foan with 25,000 pounds of 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. $H_{\text{o}}s$ is not a problem in this area.

Page 2

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 becomes available. It is anticipated that it will take approximately 3 to 4 days to drill and log this well.

MULTI POINT SURFACE USE PLAN

1. Existing Roads

There are existing access roads adjacent to the proposed location. These roads are maintained by Energy Reserves Group, Amoco, and El Paso Natural Gas Company.

2. Planned Access Roads

None Needed

3. Location of Existing Wells

(See attached map)

This well is within the Gallegos Canyon Unit, Pictured Cliffs particapating area. There are numerous wells operated by Amoco and Energy Reserves Group.

4. Location of Existing and/or Proposed Facilities

(See attached map)

Most Energy Reserves Group wells in the Gallegos Canyon Unit are equipped with a separator to remove free water. El Paso Natural Gas Co. (gas purchaser) usually installs a Glycol unit at each site. In addition all gas gathering lines are owned by El Paso. There are 4 disposal systems within the Gallegos Canyon Unit. These systems consist of buried plastic pipelines. If the well becomes productive all facilities will be within the previously distrubed areas. A small (20'x20'x6') pit may be required if any water is produced. The pit will be fenced sheep tight to protect livestock and wildlife. The reserve pit will be fenced and allowed to dry. As soon as it is sufficiently dry it will be backfilled and recontoured to its original contour.

5. Location and Type of Water Supply

Water will be hauled from Energy Reserves Group's disposal system or from the San Juan River. Method of transportation will be by truck.

6. Sources of Construction Materials

None are necessary.

7. Methods for Handling Waste Disposal

All drill currings and fluids will be disposed of in the reserve pit. Any produced fluids will be contained in portable tanks. A portable chemical toilet will be used during drilling and completions operations. Trash will be disposed of in a small trash pit constructed along-side of the reserve pit.

8. Ancillary Facilities

None are necessary.

9. Well-Site Layout

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10. 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 site. The disturbed areas will be recontoured to its original contour and re-seeded as per Bureau of Land Management or Bureau of Indian Affairs recommendations. It is planned to commence rehabilitation as soon as the pit has dried and weather permits.

11. Other Information

The topography of the general area slopes from the south to the San Juan River Drainage. The majority of the surrounding drainages are of a nonperennial nature with a normal flow limited to spring run off and heavy rain storms.

The soils in this semi-arid area are of the Nacismento formation and are largely light brown, sandy scils with poorly graded gravels. Out crops of sanstone and conglomerates are common.

Due to the low precipitation average, climatic conditions, and this marginal types of soils, the vegitation that is found in the area is common of the semi arid region we are located in and consits of pinion pins and juniper trees, sagebrush, rabbit brush, some sparce grasses and cacti as the primary flora. The fauna of the area consists predominantly of mule deer, coyotes, rabits, and varities of small rodents.

The area is used by man for the primary purpose of domestic livestock grazing. Some of the area is within the Navajo Irrigation Project which is presently under cultivation. These areas are used for farming a variety of different crops.

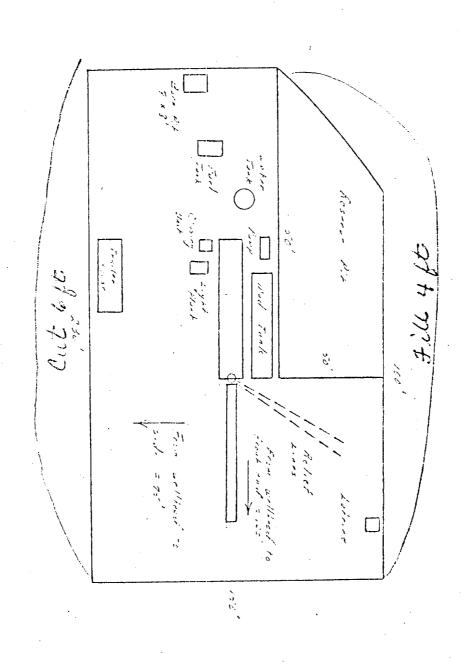
12. Lessee's or Operator's Representative

Bill Fiant P.O. Box 3280 Casper, Wyoming 82602

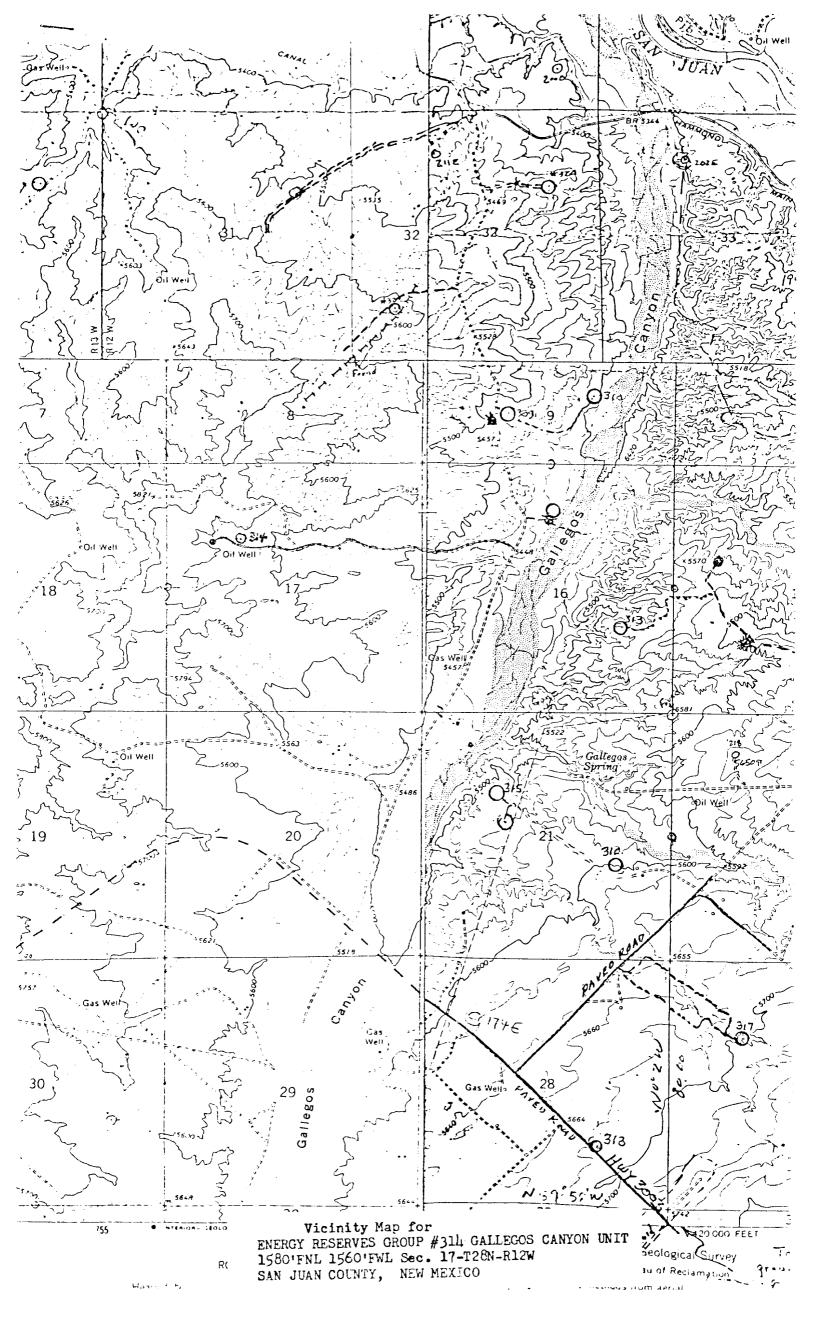
Telephone: 1-307-265-7331

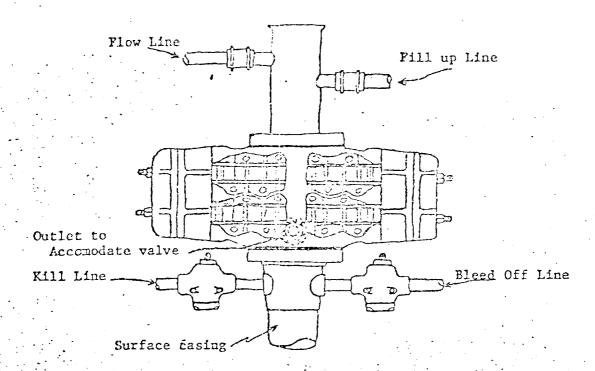
13. Certification

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



Typical Location Plat for Perturned Chiers Well





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.