SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO.

	D 21 / 11 (1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /	GICAL SURVEY		ļ	5. LEASE DESIGNATION AND SERIAL NO.
	SF 078883				
APPLICATION	6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
1a. TYPE OF WORK			51116 5	C14 [-]	7. UNIT AGREEMENT NAME
		DEEPEN 🗌	PLUG BA		
	AS OTHER		SINGLE MULTIZONE ZONE	PLE	Canyon Largo Unit •8. FARM OR LEASE NAME
2. NAME OF OPERATOR					Canyon Largo Unit
El Paso N 3. ADDRESS OF OPERATOR	<u>atural Gas Co</u>	ompany			
		277			295 10. FIELD AND POOL, OR WILDCAT
PO BOX 28 4. LOCATION OF WELL (R At surface	9, Farmington eport location clearly and	in accordance with an	y State requirements.*)		Basin Dakota
f.	800'N, 100	00'E			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. 202	e				Sec.4, $T-25-N$, $R-6-W$
	same				NMPM
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	REST TOWN OR POST OF	FICE*		12. COUNTY OR PARISH 13. STATE
	east of Balla			l	Rio Arriba NM
15. DISTANCE FROM PROPO LOCATION TO NEAREST	r	İ	NO. 07 TORES TO SE		CISCRES ASSIGNED AS WELL 3
PROPERTY OR LEASE I (Also to nearest drig	g. unit line, if any)	800'	unit		322.68
18. DISTANCE FROM PROF TO NEAREST WELL, D			PROPOSED DEPTH		RY OR CABLE TOOLS
OR APPLIED FOR, ON TH		300'	7480'	Rotar	<u> </u>
21. ELEVATIONS (Show who 6730 GL	ether DF, RT, GR, etc.)				22. APPROX, DATE WORK WILL START*
23.	I	PROPOSED CASING A	AND CEMENTING PROGR	RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT
13 3/4"	9 5/8"	36.0#	200'	224	cu.ft. to circulate
8 3/4"&	4 1/2"	10.5#		i	cu.ft 3 stages
7 7/8"	_, _	11.6#			
2nd stage 3rd stage	- 380 cu.ft - 872 cu.ft - 427 cu.ft ly perforate	. to cover ! . to cover (Mesa Verde Djo Alamo	the Dal	kota formation.
blind and	i WP and 6000 pipe rams wis dedicated	ill be used	double gate p for blow out	revente prever	er equipped with ntion on this well.
in above space describ zone. If proposal is to preventer program, if an	E PROPOSED PROGRAM: If drill or deepen direction	proposal is to deepen		present prod	uctive zone and proposed new productive dand true vertical depths. Give blowed
24.	J. Busco	TITL P	D:11'	~ (1) - (-)	* TATE 13 07 70
(This space for Fed	eral or State office use)	TIPLE	Drillin	g Cleri	11-2/-/9
PERMIT NO.			APPROVAL DATE		
APPROVED BY		TITLE			DATE
CONDITIONS OF APPRO	VAL, IF ANY ;			(:: 19	79

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*See Instructions On Reverse Side

- 1

1 July 3

STATE OF NEW MEXICO

LIVERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

All distances must be from the cuter houndaries of the Section												
EL PASO NATURAL GAS COMPANY						Lease CANY	ON LAR	GO UNIT	(8	F-078883)	Well No. 295
Unit Letter	Ī	Section		Township 251	4	Range	e 6W	Count	-	Arriha		•
İ	A 4 25N 6W Rio Arriba Actual Footage Location of Well:											
800	1	feet fro	m the No	rth	line and	1000		feet from th	ne.	East		line .
Ground Lev		Pr	oducing Form			Pool		1001111	<u> </u>			cated Acreage:
6730			D.	AKOTA	l		BASII	N DAKOTA			3	22.68 ³ Acres
1. Ou	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	Jf an	swer is "	yes," type of	consolic	dation _			Un	itiza	ntion
If a	answer i s form if	s "no," necess	list the c	wners and	d tract descr	iptions w	which has	ve actually	bee	en consolid	ated.	(Use reverse side of
ford	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.											
									:::X	J	CE	RTIFICATION
	019400				SF-0791	117	1008 © SF-1	<u> 1000'</u> 078883	NEW YEAR	10 ined he	certify rein i:	that the information construction construction the true and complete to the viedge and belief.
K)		<u> </u>		\		; ************************************				`i		g Clerk
		22220			nr.n	 			N	·		o Natural Gas Co.
		***************************************			FEE	; , ,					vem	ber27, 1979
			S	ec.		i				Date		
	0700000000		000000000000	। स्टब्स्टराज्यस्य		। उद्यक्तराक्ष	 - 1000000000000000000000000000000000000		E)	}		·
					14					shown on notes of under my	this p actua super and co	fy that the well location plat was plotted from field I surveys made by me or vision, and that the same prect to the best of my belief.
		1				ا ا 1 و م	070			Date Survey		h, 1979
		 				031	Suc sil			Registered and/or Law	tiche trunk trunk B.	scional Sayinea
0 330	660	0 1320	1850 1980	2310 26	40 2000	1500	1000	500	<u> </u>	Certificate 3950	110.1%	2 Kinn



P. O. BOX 990 FARMINGTON, NEW MEXICO. 87401 PHONE. 505-325-2841

Multi-Point Surface Use Plan

Company of the Compan

Canyon Largo Unit #295

- 1. Existing Road Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map.

 All existing and new roads will be properly maintained during the duration of this project.
- 2. Planned Access Roads Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
- 3. Location of Existing Wells Please refer to Map No. 2.
- 4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines Please refer to Maps No. 1 and No. 2.

 Map No. 2 shows the existing gas gath and lines. Map No. 1 shows the existing loads and new proposed access roads. All known production facilities are shown on these test maps.
- 5. Location and Type of Water Supply Water for the proposed project will be obtained from Gonzales Water Well
- 6. Source of Construction Materials No additional materials will be required to build either the access road or the proposed location.
- 7. Methods of Handling Waste Materials All garbage and trash materials will be put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at least three feet (3'). A latrine, the location of which is also shown on Plat No. 1,

7. cont'd.

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will be provided for human waste. If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainages; all earthen pits will be so constructed as to prevent leakage from occurring.

- 8. Ancillary Facilities No camps or airstrips will be associated with this project.
- 9. Wellsite Layout Please refer to the attached Plat No. 1.
- 10. Plans for Restoration of the Surface After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted as designated by the responsible government agency.
- 11. Other Information The terrain is rolling hills with pinon, sage and juniper growing. Cattle and deer are occasionally seen on the proposed project site.
- 12. Operator's Representative W.D. Dawson, PO Box 990, Farmington, NM
- 13. Certification -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I is 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 El Paso Natural Gas Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

L. A. Aimes

Project Drilling Engineer

Operations Plan - Canyon Largo Unit #295

I. Location: 800'N, 1000'E, Section 4, T-25-N, R-6-W, Rio Arriba County, NM

Field: Basin Dakota Elevation: 6740'GR

II. Geology:

Α.	Formation	Tops:	Surface	San	Jose	Menefee	4620'
			Ojo Alamo		2180'	Point Lookout	5140'
			Kirtland		2440'	Gallup	6145'
			Fruitland		2720 '	Greenhorn	7036 '
			Pic.Cliff:	S	2900 '	Graneros	7085 '
			Lewis		2950 '	Dakota	7227'
			Mesa Verd	Э	4565'	Total Depth	7480 '

- B. Logging Program: Induction Electric and Gamma Ray Density at TD.
- C. Coring: none

III. Drilling:

A. Mud Program: mud from surface to Total Depth.

IV. Materials:

Α.	Casing Program:	Hole Size	Depth	Csg.Size	Wt.&Grade
		13 3/4" 8 3/4" 7 7/8" 7 7/8"	200' 5840' 6500'	9 5/8" 4 1/2" 4 1/2" 4 1/2"	36.0# H-40 10.5# K-55 10.5# K-55 11.6# K-55

B. Float Equipment: 9 5/8" surface casing - cement guide shoe

4 1/2" production casing - guide shoe and self-fill insert valve Two multiple stage cementers equipped for three stage cementing. Set tool for second stage at 5740' and tool for third stage at 3050'. Run 20 centralizers spaced as follows: one on each of the bottom 8 joints, one below each stage tool, and five above each stage tool spaced every other joint.

- C. Tubing: 7480' of 2 3/8", 4.7#, J-55 tubing, common pump seating nipple and Baker expendable check valve with drill type guide.
- D. Wellhead Equipment: 9.5/8" x 10" 3000 casing head with 4.1/2" casing hanger, 10" 2000 x 6" 3000 xmas tree with 2 3/8" tubing hanger. Wellhead representative to set all slips and cut off casing.

V. Cementing:

Surface casing (13 3/4" x 9 5/8") - use 190 sks. of Class "B" cement with 1/4# gel-flake per sack and 3% calcium chloride (224 cu.ft. of slurry, 100% excess to circulate). WOC 12 hours. Test to 600#/30 min.

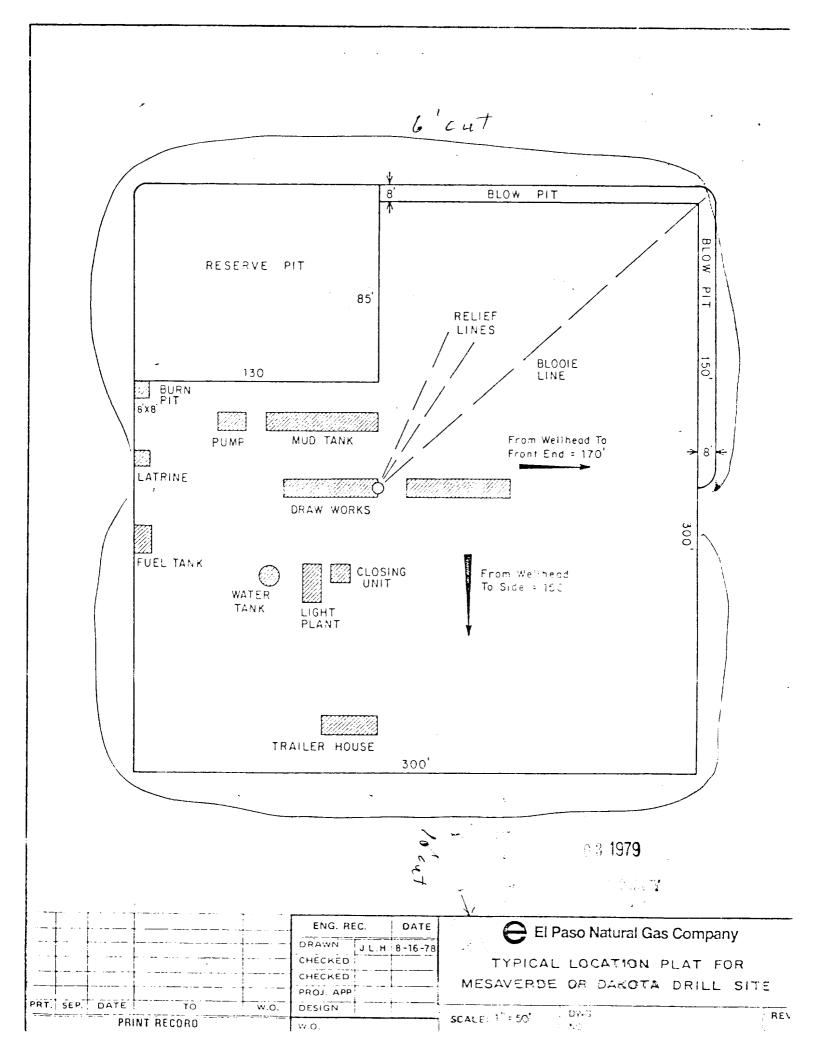
V. Cementing, cont'd.

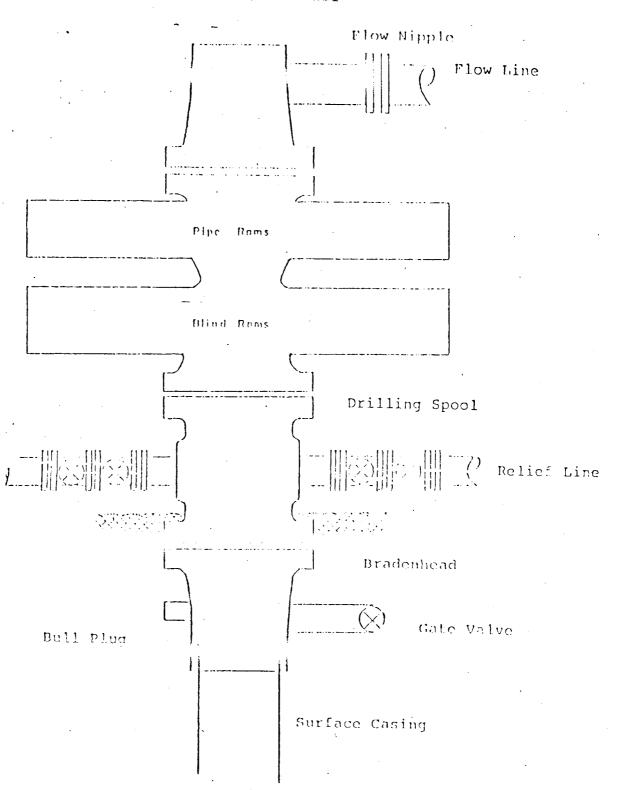
Production casing - (8 3/4" & 7 7/8" x 4 1/2")

First stage - use 149 sks. of 65/35 Class "B" Pozmix with 6% gel and 2% calcium chloride mixed with 8.3 gallons water per sack followed by 80 sks. 50/50 Class "B" Pozmix with 2% gel, 2% calcium chloride and 1/4# fine tuf-plug per cu.ft. (380 cu.ft. of slurry, 25% excess to cover the Gallup).

65/35 Class "B" Pozmix with 6% gel and 2% calcium chloride and 8.3 gallons of water per sack (872 cu.ft. of slurry, 60% excess to cover the Mesa Verde).

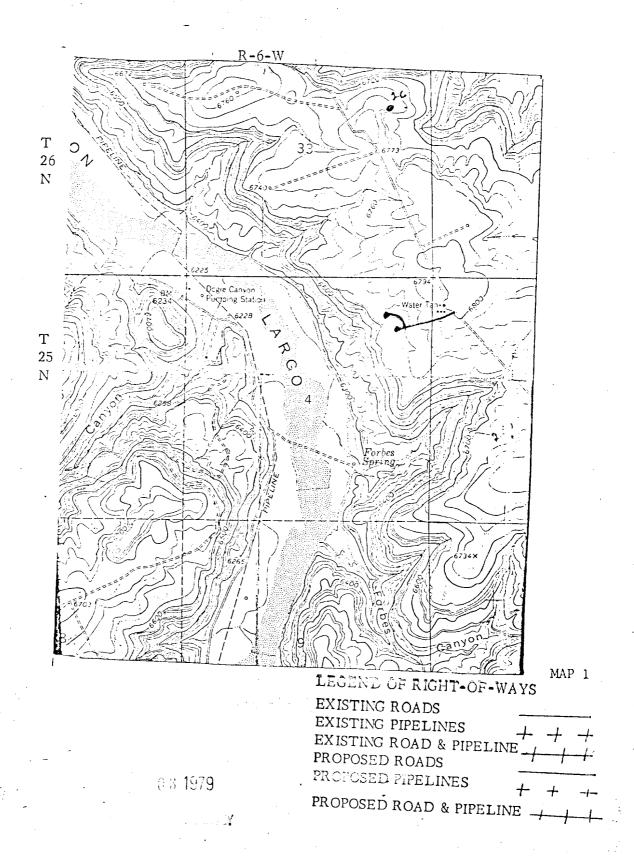
Third stage - circulate mud for 2 hours, then cement using 264 sks. Class "B" Pozmix with 6% gel and 2% calcium chloride mixed with 8.3 gallons water per sack (427 cu.ft. of slurry, 60% excess to fill to top of Ojo Alamo). Run temperature survey on top stage only at 8 hours. WOC 18 hours.





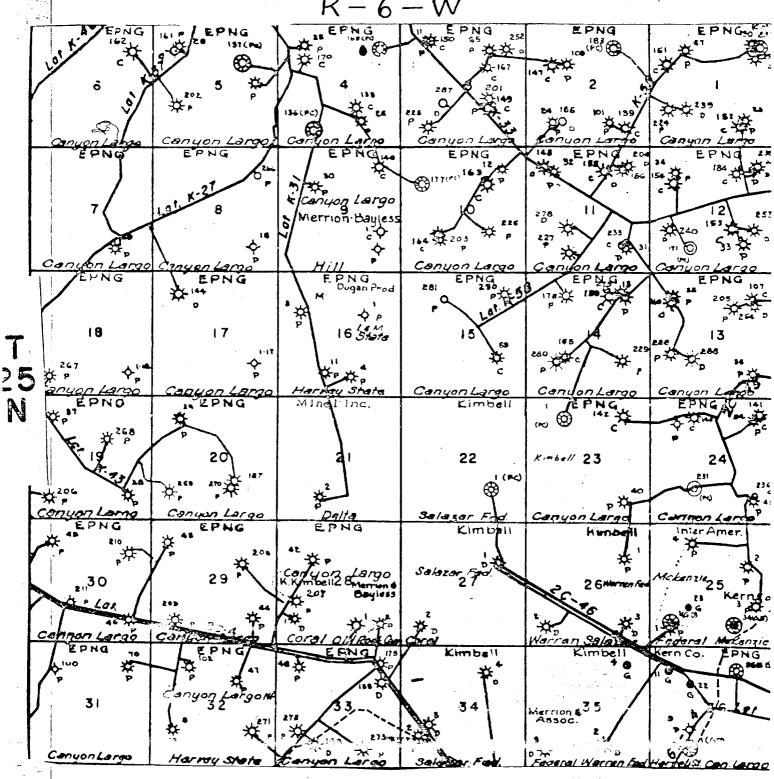
Series 900 Double Gate BOP, rated at 3000 psi Working Pressure
When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.

03 1979



El Paso Natural Gas Company Canyon Largo Unit #295 NE 4-25-6

R-6-W



MAP 2

Proposed Location .