SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

30-039-2/5/45. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

		GICAL SURVEY		Contract No. 103
 	Y FOR PERMIT T	O DRILL, DEEF	PEN, OR PLUG B	6. IF INDIAN, ALLOTTEE OR TRIBE NAMI Jicarilla Apache
. TYPE OF WORK DRI	ILL 🛣	DEEPEN 🗌	PLUG BAC	
TYPE OF WELL	AS [SINGLE MULTIP	S. FARM OR LEASE NAME
WELL W	ELL OTHER		ZONE ZONE	8. FARM OR LEASE NAME H Signatilla
SUPHON KNERG	Y COMPONATION			9. WELL NO.
ADDRESS OF OPERATOR				9
P. U. Bex 80 LOCATION OF WELL (R	eport location clearly and	in accordance with any	State requirements.*)	10. FIELD AND POOL, OR WILDCAT Tapacito F.C. or Blanc M.V. & Besin Dakota
At surface B25 feet from	the Morth line	and 825 feet	from the East Li	11 and m n 14 an arm
	^{ne} Seme as above			See. 17, T—26H, A—4H ———————————————————————————————————
	AND DIRECTION FROM NEAR			12. COUNTY OR PARISH 13. STATE Rio Arriba Nov Mexi
DISTANCE FROM PROP	ethwest of Ojit	ty & Lease 16.	NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED
PROPERTY OR LEASE I (Also to nearest dr)	OSED 825 /Fromer T LINE, FT. g. unit line, if any) 825	/Drlg.Unit	2571.58	TO THIS WELL 320 - 166 -
DISTANCE FROM PROF	POSED LOCATION* ORILLING, COMPLETED,	19.	PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
OR APPLIED FOR, ON THE	ether DF, RT, GR, etc.)	410 Feet	8400 Ft.	22. APPROX. DATE WORK WILL STAR
	7093 Ft.			Movember 1, 1977
			ND CEMENTING PROGRA	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4"	32.75	400	275 cm. ft.
9-7/8"	7-5/8*	26.40 15.50	4000 3850 - 8400	1300 ca. ft.
e Basin Dakot iffs formation trustions to p	ie and Blanco Me on which ever se prevent comingli	severde format and is present, ing of producti	tion or Besin Dei . A Packer will lon. Bach produ	hem dual the well in either kota and Tapacite Pictured be set between the two stion some will be sand water ings will be run upon complet
				shed by sand water free of
				100 mm m 4077
1-	ledicated		I out the	3
ABOVE SPACE DESCRIB	E PROPOSED PROGRAM: If drill or deepen directions	proposal is to deepen of ally, give pertinent data	r plug buck, give data a p a on substitute locations a	present productive zone and proposed new production preasured and true vertical depths. Give blow
venter program, if an	Original Sign	ned By		
SIGNED	Rudy D. Mo		Area Superinten	ident DATE October 6, 197
- ANOT	eral or State office use)			
· ·				
PERMIT NO.			APPROVAL DATE	
APPROVED BY				
CONDITIONS OF APPRO		TITLE		DATE
	VAL, IF ANY:	TITLE		DATE

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Frderal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

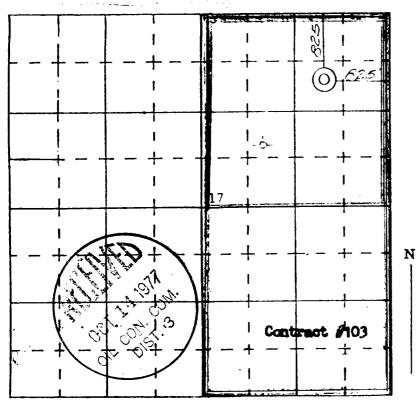
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-781-025/VIII-239

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

Operator	:		Leose			l Well No	
	N ENERGY CO	RPORATION		RILLA "H"		9	
Unit Letter	Section	I Township	konic	. County		! ?	-
A	17		TH 4 WEST		DDTDA		
Actual Factore Lace		1 20 NON	111 - 4 473	KIO_A	ARRIBA		
825	feet from the	NORTH	line and 825	feet from the	EAST	line	
Ground Level Elev. 7093	Producing Mesa	Formation averde	I Pool na		I Day	dicated Averenge:	Acres
1. Outline the	ocerone dedica	ted to the subject	ct well by colored pencil a				
interest and roy 3 If more tha	ralty), n one lease of		ship is dedicated to the g. etc?				-
() Yes () No 1	f answer is "yes	s," type of consolidation		••••••	•••••••••••••••••	
		ner s a nd tract de	escriptions which have a	ctually consolidate	ed. (Use revers	e side of this To	rm if
No allowable w rooling, or othe	ill be assigned t erwise) or until	to the well until a non standard	all interests have been cunit, eliminating such in	onsolidated (by contents) terests, has been contents.	communitization approved by the	n, unitization, fo Commission.	rced-
		A dear					· · · · · · · · · · · · · · · · · · ·

MESA VERDE



SCALE-4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY,

FARMINGTON, N. M.

CERTIFICATION

I heret	у се	rtify	that th	e in	for	mati	on c	onta	inec
herein is	true	and	comple	te	to	the	best	of	m;
knowledge	and	belief	ļ.						

Nome Pudy D. Motto

Position
Area Superintendent

Company SUPRON EMERGY

Date October 6, 1977

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by mo or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

15 September, 1977 Date Surveyed

John G. J

Registered Professional Engineer orid/or Land Surveyor

James P Leese

1463 Certificate No.

OCT 12 1977

U. S. GEOLOGICAL SURVEY

NEW MEXICO OIL CONSERVATION COMMISSION

		All dista	nces must be	from the outer bo	undaries of the	Section			
Operator				Leose				Well No	
	ON ENERGY CO	RPORATION		JICAR	ILLA "H"			9	
Unit Letter	Section	Township		Range	Cour	it)			
A	17	26 NC	DRTH	4 WEST	F	IO ARR	IBA		
Actual Footage Loo									
825	feet from the	NORTH	line and	825	feet from	i the	EAST	line	
Ground Level Elev. 7093	Producing DAK	Formation Pictur OTA	ed Cliff	d P∞l Tapaci BASIN	to		I D	Dedicated Avereage 320 - 160	
1. Outline the	ocerage dedicat	red to the subj	ect well by	colored pencil o	r hachure m	arks on tl	ne plat bel		
3 If more the	an one lease of	different owne	ership is dec	dicated to the v	vell have th	e interes	ts of all o	wners been co	nsolicated
() Yes (If answer is "r		on, force-pooli f answer is "y ers and tract	ing. etc? res," type of descriptions	f consolidation which have ac	tually consc	olidated.			
() Yes (If answer is "r necessary.) No allowable v) No It	f answer is "y ers and tract o the well unt	res," type of descriptions	consolidation which have ac	tually consc	olidated. (by com	(Use rever	rse side of thi	s form if
() Yes (If answer is "r necessary.) No allowable v) No It	f answer is "y ers and tract o the well unt	res," type of descriptions	consolidation which have ac	tually consc	olidated. (by com	(Use rever munitization roved by the	rse side of thi	s Form if

N Contract #103

SCALE-4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY,

FARMINGTON, N. M.

Position Area Superintendent Company SUPRON EMERCY

October 6, 1977

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 is true and correct to the best of my knowledge and belief

15 September, 1977 Date Surveyed

Registered Professional Engineer and/or Land Surveyor

James P Leese

1463 Certificate No.

OCT 12 1977

U. S. GEOLOGICAL SURVEY

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator				Leose			Well No	
SUPRO	N ENERGY CO	I	JICARII	LA "H"	9			
Unit Letter	Section	Township		Range	County			
A	17	26 N	NORTH	4 WEST	RIO A	RRIBA		
Actual Footage Loca	ition of Well:							-
825	feet from the	NORTH	line and	825	feet from the	EAST	line	
Ground Level Elev.	Producing	Formation		P∞l			Dedicated Avereage:	
709 3	DAK	ATO	į	BASIN			320	Acres

- 1. Outline the acerage 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?

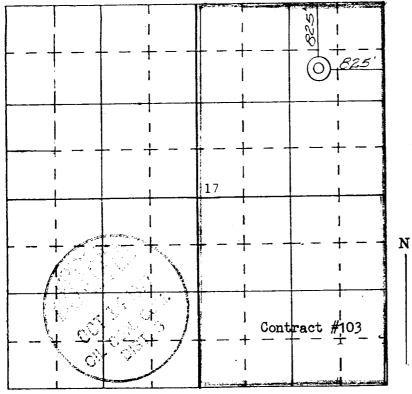
() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually 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.

-----Dakota

Mesa Verde



SCALE-4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

CERTIFICATION

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herein	is 1	rue	and	com	plete	to	the	best	of	m
knowle	daa .		Ratio	£						

Name

Rudy D. Motto
Position

Area Superintendent

Company
SUPRON ENERGY

Date

October 6, 1977

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by major under my supervision and that the same is true and correct to the best of my knowledge and belief.

15 September, 1977

Date Surveyed

Registered Professional Engineer

James P Leese

1463

Certificate No.

United States Geological Survey Box 1809 Durango, Celerado 81301

Attention: Jerry Long

Dear Sir:

Suprem Energy Corporation proposes to drill the Jicarilla "H" No. 9 well located 825 feet from the Morth line and 825 feet from the East line of Section 17, Township 26 North, Range 4 West, H.M.P.M., Rio Arriba County, New Maxico.

The following attachments are included with this application:

- 1. Map of existing roads.
- 2. Plenned access road approximately 3,000 feet long.
- 3. Location of existing wells.
- 4. Lateral reads to well locations.
- 5. Location of surface equipment if required.
- 6. Drilling and completion water will be obtained from the Supron Energy Corporation water well located SW/1/4, Sec. 23, Twp. 26 North, Rge. 4 West, N.M.P.N., Rio Arriba County, New Maxico.
- 7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
- 8. There will be no camp at or near the well.
- 9. There will be no air strip.
- 10. A plat is attached showing the location of the rig, mud tanks, reserve pit, burn pit and ect.
- 11. A letter of certification is attached.
- 12. Offset operators plat for dual completion.
- 13. After the well is completed the location will be cleaned up and bladed. The reserve pit will be feaced until it has dried, then the pit will be restored to it's natural state. The access road will be left as is to facilitate production and maintenance of the well.
- 14. The seil is principally send and send rock with the principal vegetation being Pinon and Juniper.

Umited Staled Gme**lo**gy of Levern Am 1960 **Aucunge**, Cohoria of Sid

MERCALLIM: JOHN DELE

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Aprox Smarpy Comparation proposes to drive and lieutilia We's No. 3 well located in feet from the Nurse line and 325 ison from the line of secretor '7, Township '8 touth, Rarge a dast, M.H.P.h., 240 arcies Commity, See Marites Commity, See Marites Commity, See Marites

The following series while are included with the land their the

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 - S. Recetton of married equipment it requires.
- 6. By llam, and nonpletion mater well do not the called the check of the called the call
- 7. Gusur will be dispused of by Denne places in a renerve pit and bruted upon conficted of the will.
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- in. A plac is actached erowing the location of the rd., and comes, recover pit, burn pit and sec.
 - it. . Lieuter of certification is straticular
 - 10. Offeet entracers plat for dual couplitions.
- il. After the we'l it completed the location will be elected up and blaces. The reserve p't will be sended until it has lated, the the pit will be rectored to in's return! The resease read will be left in it to incilitete production and amin's ance of an read to incilitete production and amin's ance of an read to incilitete production and amin's ance of
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JICARILLA "H" NO. 9

- 1. The geologic name of the surface formation is, "Wasatch".
- 2. The estimated tops of the important geologic markers are:

٨.	Base of the Oje Alama	3429 DF
	Pictured Cliffs	3754 DF
C.	Meseverde	5400 DF
D.	Daketa	7930 DF

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

A٠	Base of the Ojo Alamo	3429 DF	Water
	Pictured Cliffs	3754 DF	Gas
C.	Kesaverda	5400 DF	Gas
D.	Dakota	7930 DF	Gas

- 4. The casing program is shown on Form No. 9 331C and all casing is new-
- 5. The leases's pressure control equipment schematics are attached along with minimum specifications, testing proceedures and frequencies.
- 6. The type, estimated volumes and characteristics of the circulating medium are as follows:
 - A. From 0 foot to 400 foot Matural mid
 - B. From 400 feet to 4000 feet Permaloid non dispersed and containing 360 sx of gel, 150 sx of permaloid, 25 sx of C.M.C., 2 ED 111, 12 sx of soda ash and 30 sx of caustic. Mud weight will be maintained between 8.2# and 8.8#
 - C. From 4000 fact to 8400 fact the hole will be drilled with air.
- 7. The auxiliary equipment to be used will be floats at the bit and a sub with a full opening valve on the floor to be stabbed into the drill pipe when the Kelly is not in the string.
- 8. This well is in an area which is almost completely developed; therefore, we will not have a testing and coring program. The logging program will be as follows:
 - A. E.S. Induction
 - B. Gamma Ray Density
 - C. Gamma Ray Correlation
 - D. Coment Bond or Temperature
- 9. There is no absornal pressures, temperatures or hydrogen sulfide problems empeted in this highly developed area.
- 10. The anticipated starting date for this well is November 1, 1977.

TIMETULA DE MULLE

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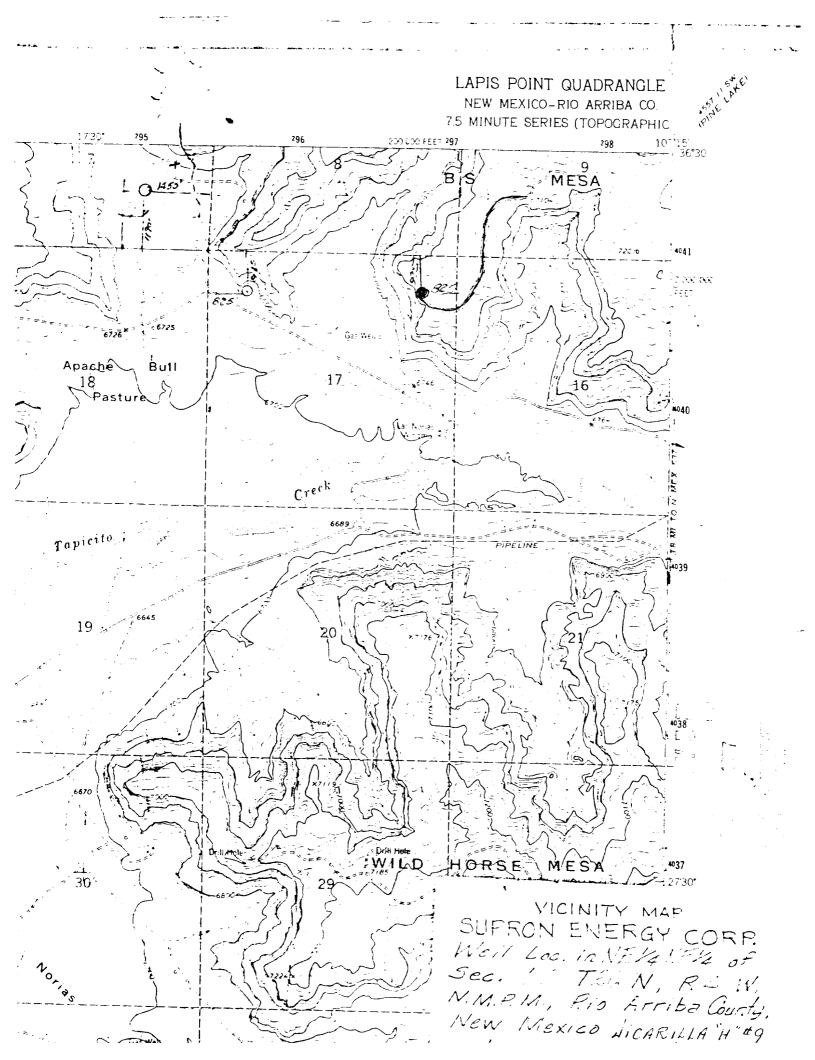
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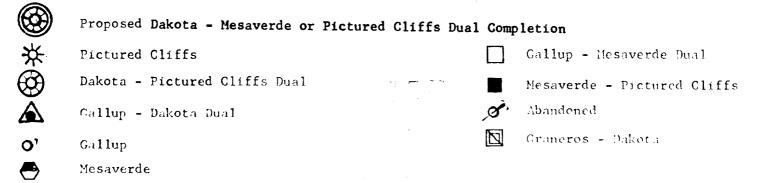
SUPRON ENERGY CORPORATION

WELL: JICARILLA "H" NO. 9

LOCATION: 825 Feet from the Morth line and 825 feet from the Dast

Line, Section 17, Township 26 North, Range 4 West, Bia Arriba

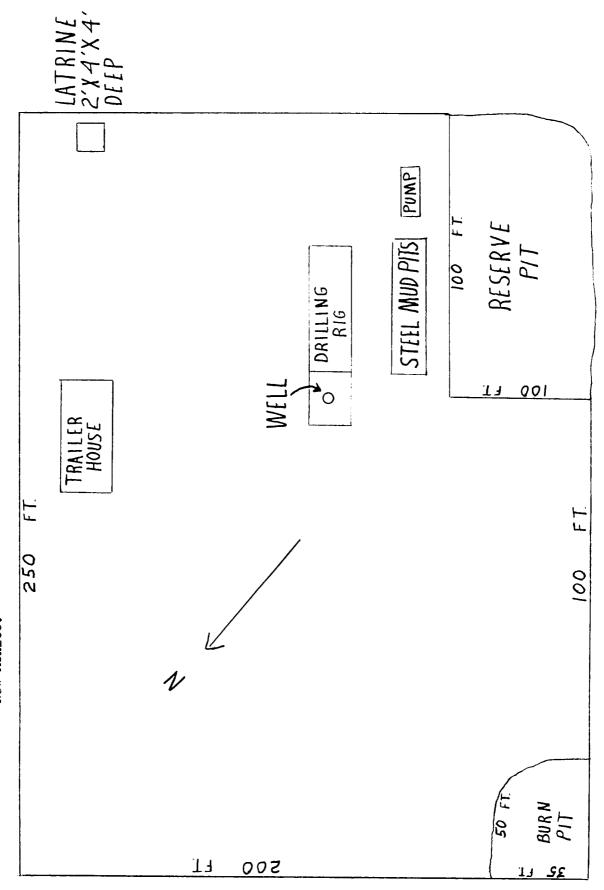
Cty, N.M. 4 CONSOL. NWP V. OCO *:*#6 NW Fed. #10-A 茶 114 \Box NV Fed.□ 9 8 NW Fed. #10 从 ∄15 Jicarilla "N" Jicarilla """ Jicarilla 102 SUPRON SUPRON SUPRON 26 18 17 16 Ν Jicarilla "E" Jicarilla """ Jicarilla "E" SUPRON SUPRON SUPRON .."1 HUMBLE 0...6 Ø 19 20 21 .′6 Jicarilla "ll" Jicarilla "H" Jicarilla 'E"

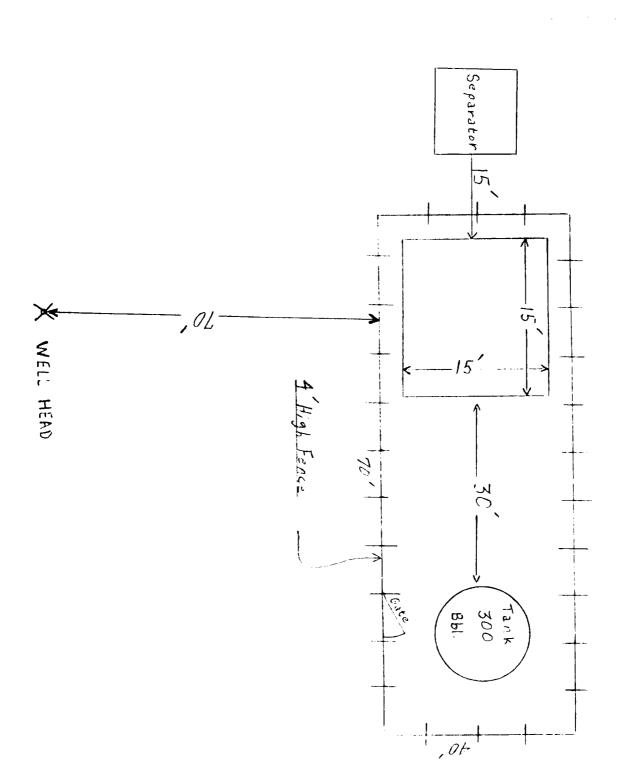


SUPRON ENERGY CORPORATION

JICARILLA "H" NO. 9

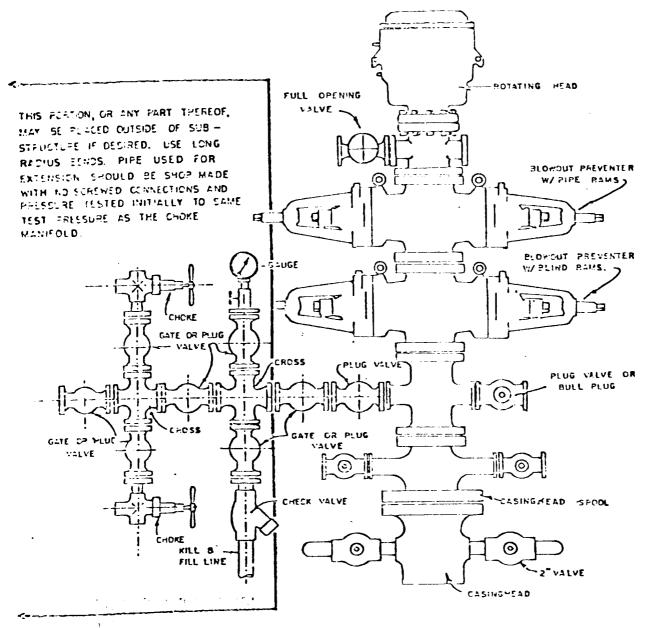
825 Feet from the North line and 825 feet from the East line, Section 17, Township 17 North, Range 4 West, Rio Arriba County, New Mexico.





Blowout preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

The B.O.P. and all valve and fittings are rated at 3000 psi working pressure.



BLOWOUT PREVENTER HOOKUP



OCT 12 1977

U. S. GEOLOGICAL SURVEY