NM OIL CONS. COMMISSION

Drawer DD

SUBMIT IN TRAPLICATES Artesia. NM

reverse side)

Form approved. Budget Bureau No. 42-R1425.

45053

UNITED STATES

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RTN	1E	N'	T	0	F	T	ŀ	I	E	INTERIOR	

	DEPARTMENT	OF THE I	NTER	OR	,	5. LEASE DESIGNATI	ON AND BERIAL NO.	
	GEOLO	GICAL SURV	EY			NM-2359		
APPLICATION	N FOR PERMIT	O DRILL,	DEEPE	N OR SLEED B	XTP	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME	
1a. TYPE OF WORK	ILL xx	DEEPEN		PLUG BAG	CK D	. UNIT AGREEMEN	r name	
b. Type of Well	AS OTHER		SING		र □	8. FARM OR LEASE	NAME	
2. NAME OF OPERATOR	VELL 121 OTHER		ZON		<u> </u>	Sorenson	"IB" Federa	
Vatos Potr	oleum Corpora	tion		M & Gas		9. WELL NO.		
3. ADDRESS OF OPERATOR	Jiedii Corpora	CIOII		March March		4		
207 S 4+h	, Artesia, Ne	w Mexico	882	O RECEIVED X	∩ y	10, FIELD AND POO	L, OR WILDCAT	
4. LOCATION OF WELL (F	deport location clearly and	in accordance wi	th any St	ite requirements.*)	χ	Pecos Slo	pe Abo	
At surface 2248	, 1	11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA						
At proposed prod. zo	ne			JUN 3 0 1983		Sec. 6-T7	S-R26E	
Same 14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE*	O. C. D.		12. COUNTY OR PAR		
	ely 28 miles			DICSIA OFFICE		Chaves	NM	
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE	OSED* T LINE, FT.		16. NO.	OF ACRES IN LEASE	17. No. 0	OF ACRES ASSIGNED HIS WELL	·	
18. DISTANCE FROM PROD	POSED LOCATION*		1	POSED DEPTH	20. кота	RY OR CABLE TOOLS		
TO NEAREST WELL, I OR APPLIED FOR, ON TE	RILLING, COMPLETED, HIS LEASE, FT.		4225'			Rotary		
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		·		· 	22. APPROX. DATE WORK WILL START*		
3651 .4'						ASAP		
23.	I	PROPOSED CASI	NG AND	CEMENTING PROGRA	AM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	TOOT	SETTING DEPTH	QUANTITY OF CEMENT			
14_3/4"	10 3/4"	40.5# J-	-55	925'	750	750 sx circulated		
7 7/8"	4 1/2"	9.5# J-		TD		sx		
, , , , , , , , , , , , , , , , , , , ,								
Approximat to shut of intermedia	to drill and ley 925' of s f gravel and te casing wil to tie back	surface ca caving. .1 be run	asing If no to 1	will be set eeded (lost 500' and cer	and circu mented	cement cir lation) 8 with enou	culated 5/8" gh cement	

casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel/LCM to 925', Brine to 3500', Brine/KCL water to TD.

BOP's will be installed at the offset and tested daily. BOP PROGRAM:

GAS NOT DEDICATED.

N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal one. If proposal is to drill or deepen directionally, givereventer program, if any	l is to deepen or plug back, give data on present produce pertinent data on subsurface locations and measured	and true vertical depths. Give blowout
SIGNED Sewend	Regulatory Agent	DATE 6/8/83
(This space for Federal or State office use	Jan. 6.70	r

APPROVAL DATE .

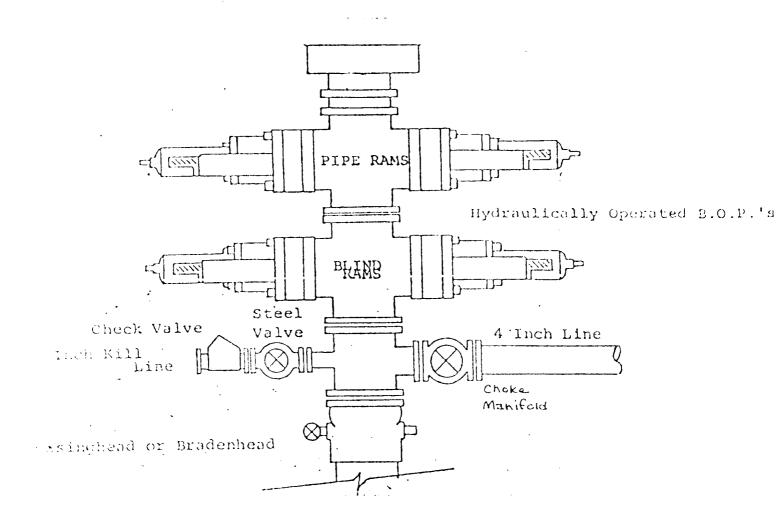
NEW MEXICO OIL CONSERVATION COMMISSION

Form C-102 Supersedes C-128 Effective 1-1-65

WELL LOCATION AND ACREAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section. Lease

perator			Lease		Well No.				
- 	ETROLEUM CO	,	Sorenson "IF		4				
Unit Letter	Section	Township	Range	Charres					
J Actual Fortage Los	ation of Well:	7 South	26 East	Chaves					
2248 teet from the South line and 1989 feet from the East line									
fround Lyvel Elev.			Pool ()	Λ (Dedicated Acreage:				
3651.4' GL Abo Pecos Slope Abo 160 Acres									
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 desc	riptions which have a	ctually been consolid	ated. (Use reverse side of				
this form i	if necessary.)								
					munitization unitization,				
forced-poo sion.	oling, or otherwise)	or until a non-standare	1 unit, eliminating suc	ch interests, has been	approved by the Commis-				
57011.									
	1		i i		CERTIFICATION				
	i i		ì						
	1		1		certify that the information con-				
	! 		ł	I }	rein is true and complete to the y y knowledge and belief.				
‡	İ		J.) Allowiesge of Julien				
	ĺ		1	Kensi	Dearlength				
	+	+		- — Ken Bea	rdomah				
	1		i	Position	it dempiri				
	‡		i	Regulat	cory Agent				
	1		<u> </u>	Company					
	i		1		Petroleum Corp.				
	! !		i	6/8/83					
	i l		1	0/0/03					
	, 	م	1989	/ I heraby	certify that the well location				
	1,		Ì		this plat was plotted from field				
			1	notes of	actual surveys made by me or				
	ALL ME		, 1		supervision, and that the same				
	0.		i	H I	and correct to the best of my				
<i>[i</i>	UERSCHEL _		<u> </u>	knowledg	e and belief.				
	INONES	2							
I Y	3640		YPC NM-23	Date Survey	ed				
1	20°	7 7	1 4144 55	Jur	ne 7, 1983				
	ERED LA		NM-23		Professional Engineer				
			i	and/or Lagla	d Surveyor				
			ł		XI				
L				Certificate	sound agun				
0 330 660	190 1320 1650 198	0 2310 2640 2000	1500 1000	soo g	3640				

EXHIBIT B BOP DIAGRAM



YATES PETROLEUM CORPORATION Sorenson "IB" Federal #4 2248' FS1 and 1989' FEL Sec. 6-T7S-R26E

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with USGS requirements.

- 1. The geologic surface formation is sandy alluvium.
- 2. The estimated tops of geologic markers are as follows:

458 '
1562
2974'
3607 '
4225

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 250'-300'

Oil or Gas Abo 3647'

- 4. Proposed Casing Program: See Form 9-331C.
- 5. Pressure Control Equipment: See Form 9-331C.
- 6. Mud Program: See Form 9-331C.
- 7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment sub with full-opening valve on floor, drill pipe connection.
- 8. Testing, Logging and Coring Program.

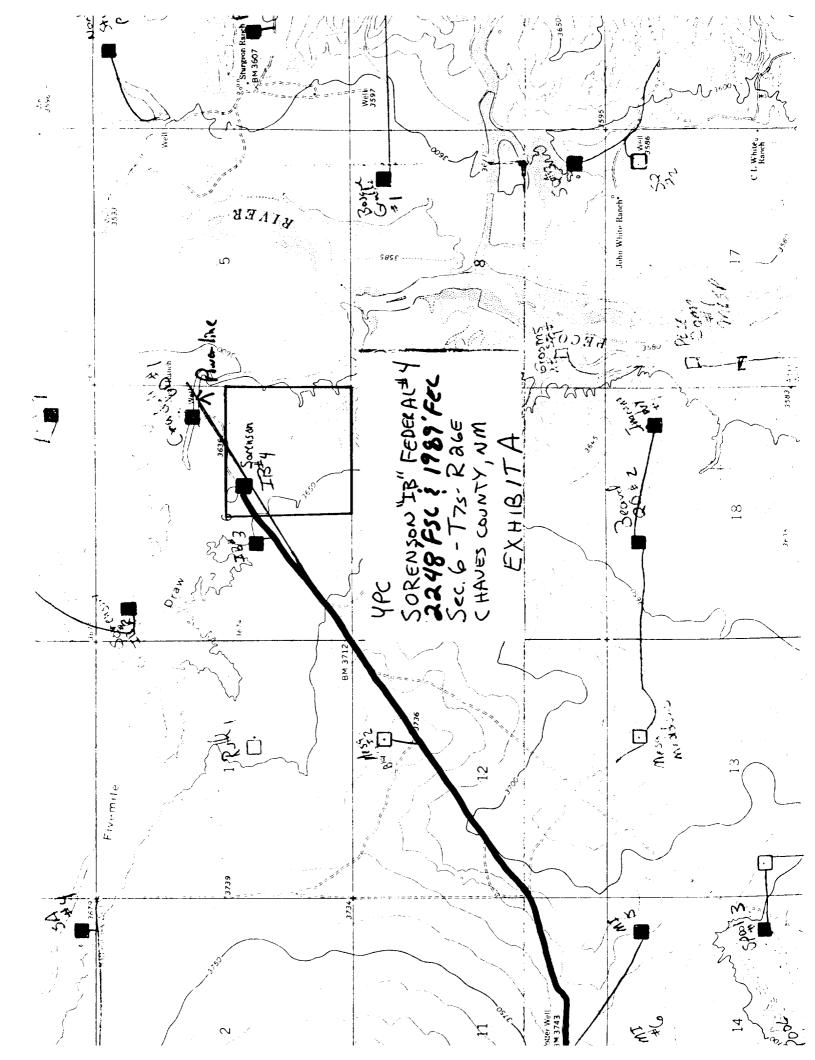
Samples: Surface casing to TD.

DST's: As warranted.

Coring: None

Logging: CNL-FDC TD to csg w/GR-CNL to surface, DLL from TD to csg.

- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated starting date: As soon as possible after approval.



YATES PETROLEUM CORP. Exhibit C

