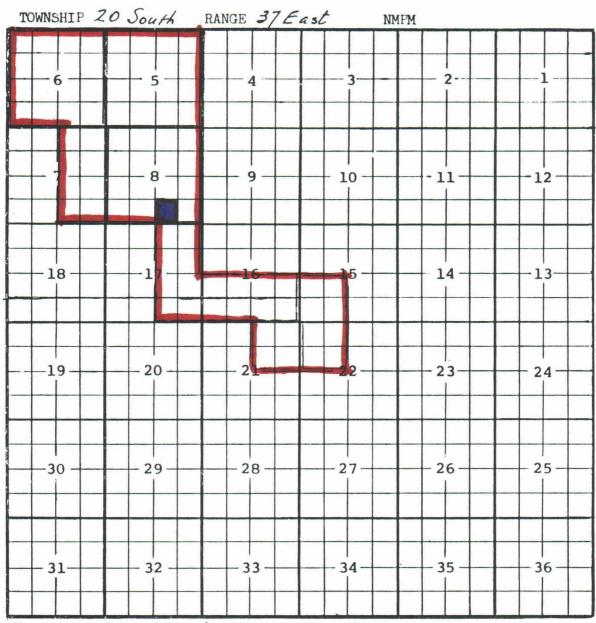


Description: 3/4 Sec. 16, (R-1532,12-1-59). Ext: 12 Sec. 15 (R-1720, 8-1-69). 14 Sec. 22, (R-2393,1-1-63).
NE/4 Sec. 16, (R-2427, 3-1-63). 14 Sec. 10(R-2527, 8-1-63) NE/4 Sec. 15; NE/4 Sec. 20; 1/2 Sec. 21 (R-2602 12-1-63) - 1/2 Sec. 3: 54 Sec. 9; NW & SE, Sec. 10; NE, Sec. YV (R-7692 5-1-64) - NE, Sec. 10; SE, Sec. 15 (1-276) - W, NW, Sec. 14 (R-2879 4-1-65) - SW, Sec. 11; NY, SW, Sec. 14 (R-2923 1-1-65) - NE, Sec. 19; NE, Sec. 19 Ext: 5/2 5E/4 Sec 11, E/2 \$ SW/4 Sec 12, 1/2 Sec 13 (R-4734, 3-1-74) Ext: NW/4 Sec. 12 (R-6711, 12-34-79) Fxt: W/2 NE/4 Sec. 14 (R-7248, 3-30-83)



Description: All Sec. 6
Ext: All Sec. 5 (R-393, 11-14-53) - All Sec. 8 (R-407, 1-20-54) 52 Sec. 7 (R-419, 5-6.54), Ext: 5/2 Sec. 16, 5/2 Sec. 17 (R-4646, 11-1-73) Ext: 5 w/4 Sec. 15, Nw/4 Sec. 22 (R-4861, 11-1-74)
52 Sec. 7 (R-419, 5-6.54). Ext: 5/2 Sec. 16, 5/2 Sec. 17 (R-4646, 11-1-73)
Ext: 5W/4 Sec 15, NW/4 Sec 22 (R-4861, 11-1-74)
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Description: All Sec. 6.
Ext: 2 Sec. 5 (R-1848-28-52). 14 Sec. 7: 14 Sec. 8.
(R-3487-27-53)- 14 Sec. 8 (R-407/-20-54)- 14 Sec. 7.
Ext: 2 Sec. 5 (R-184,8-28-52) 14 Sec. 7; 14 Sec. 8, (R-348,7-27-53) 14 Sec. 8, (R-407,1-20-54) 14 Sec. 7, (R-561,12-16-54) 12 /4 Sec. 7, (R-713,11-10-55).
EXT; 56/4 SEC8 (R-8603, 3/19/88)

MONUMENT-TUBB POOL Lea County, New Mexico

Order No. R-2800, Adopting Operating Rules for the Monument-Tubb Pool, Lea County, New Mexico, December 1, 1964.

Application of Continental Oil Company for Special Pool Rules, Lea County, New Mexico.

> **CASE NO. 3123** Order No. R-2800

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on October 13, 1964, at Santa Fe, New Mexico, before Examiner Elvis A, Utz.

NOW, on this 10th day of November, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Continental Oil Company, seeks the promulgation of special rules and regulations for the Monument-Tubb Pool in Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, including a provision for 80-acre spacing units and a gas-oil ratio of 6000 to 1.
- (3) That one well in the Monument-Tubb Pool can efficiently and economically drain and develop 80 acres.
- That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells. to prevent reduced recovery which might result from the drill-ing of too few wells, and to otherwise prevent waste and pro-tect correlative rights, special rules and regulations providing for 80-acre spacing units should be promulgated for the Monument-Tubb Pool.
- (5) That a limiting gas-oil ratio of 6000 to 1 would be excessive for this pool and might result in waste.
- (6) That the special rules and regulations should provide for a limiting gas-oil ratio of 4000 to 1 in order to allow each operator in the pool the opportunity to use his just and equitable share of the reservoir energy.

IT IS THEREFORE ORDERED:

That Special Rules and Regulations for the Monument-Tubb Pool are hereby promulgated as follows, effective December 1, 1964:

SPECIAL RULES AND REGULATIONS FOR THE MONUMENT-TUBB POOL

RULE 1. Each well completed or recompleted in the Monument-Tubb Pool or in the Tubb formation within one mile thereof, and not nearer to or within the limits of another designated Tubb oil pool, shall be spaced, drilled, operated, and

produced in accordance with the Special Rules and Regulations hereinafter set forth.

- RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.
- RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a nonstandard unit comprising a governmental quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.
- RULE 4. Each well shall be located no nearer than 330 feet to any governmental quarter-quarter section or lot line.
- RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.
- RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 2.77 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80-acres.

RULE 7. The limiting gas-oil ratio shall be 4000 cubic feet of gas for each barrel of oil produced.

IT IS FURTHER ORDERED:

- (1) That any well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof that will not comply with the well location requirements of Rule 4 is hereby granted an exception to the requirements of said rule. The operator shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before December 1, 1964.
- That each well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof shall receive a 40-acre allowable until a Form C-128 dedicating 80 acres to the well has been filed with the Commission.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary,

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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Tested Tubb Formation as follows: Perforated 6452' - 6466' (14') with 29 Holes. Acidize with 3,000 gals. 15% NE FE Acid. Frac with 9,000 gals. 20% NE Acid + 15,500 gals. 2% Gelled KCL Water. Perforated 6362' to 6374' (12') with 25 Holes. Acidize with 3,000 gals. 15% NE FE Acid. Frac with 9,000 gals. 20% NE Acid + 15,400 gals. 2% KCL Water. Producing 6 barrels oil + 11 barrels water. (October 6, 1987)		ons (Clearly state all pertinent det	tails, and give pertinent dates, including	estimated date of st	arting any proposed
Perforated 6452' - 6466' (14') with 29 Holes. Acidize with 3,000 gals. 15% NE FE Acid. Frac with 9,000 gals. 20% NE Acid + 15,500 gals. 2% Gelled KCL Water. Perforated 6362' to 6374' (12') with 25 Holes. Acidize with 3,000 gals. 15% NE FE Acid. Frac with 9,000 gals. 20% NE Acid + 15,400 gals. 2% KCL Water. Producing 6 barrels oil + 11 barrels water. (October 6, 1987)	work) see Note 1100.			·	
Frac with 9,000 gals. 20% NE Acid + 15,500 gals. 2% Gelled KCL Water. Perforated 6362' to 6374' (12') with 25 Holes. Acidize with 3,000 gals. 15% NE FE Acid. Frac with 9,000 gals. 20% NE Acid + 15,400 gals. 2% KCL Water. Producing 6 barrels oil + 11 barrels water. (October 6, 1987)	Tested Tubb Formation as	follows:			
Frac with 9,000 gals. 20% NE Acid + 15,500 gals. 2% Gelled KCL Water. Perforated 6362' to 6374' (12') with 25 Holes. Acidize with 3,000 gals. 15% NE FE Acid. Frac with 9,000 gals. 20% NE Acid + 15,400 gals. 2% KCL Water. Producing 6 barrels oil + 11 barrels water. (October 6, 1987)	Perforated 6452' - 6		oles. Acidize with 3,000	gals. 15% NJ	E FE Acid.
Perforated 6362' to 6374' (12') with 25 Holes. Acidize with 3,000 gals. 15% NE FE Acid. Frac with 9,000 gals. 20% NE Acid + 15,400 gals. 2% KCL Water. Producing 6 barrels oil + 11 barrels water. (October 6, 1987)	= 1.1 0.000 1.	00% NT A 41 + 15 5/	201- 29 G-11-1 VOI II-		•
Frac with 9,000 gals. 20% NE Acid + 15,400 gals. 2% KCL Water. Producing 6 barrels oil + 11 barrels water. (October 6, 1987)	Frac with 9,000 gals	. 20% NE Acid + 15,50	JU gals. 2% Gelled KCL wa	ter.	
Producing 6 barrels oil + 11 barrels water. (October 6, 1987)	Perforated 6362' to	6374' (12') with 25 H	Holes. Acidize with 3,00	0 gals. 15% N	NE FE Acid.
•	Frac with 9,000 gals	. 20% NE Acid + 15,40	00 gals. 2% KCL Water.		
Set Retrievable Bridge Plug @ 6,097', to test Blinebry.	Producing 6 barrels	oil + 11 barrels wate	er. (October 6, 1987)	÷	
	Set Retrievable Brid	lge Plug @ 6,097', to	test Blinebry.	•	
			-		
			· · · · · · · · · · · · · · · · · · ·		

8. I hereby certify that the information above is true and con	vites - Engineer	DATE May 2, 1988
ONDITIONS OF APPROVAL, IF ANY	YITLE	DATE

STATE OF NEW MEXICO

MAY - 6 1988

ENERGY	MD MINE	RALS DI	EPARTI	MENT
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OIL		_
BAS	T	_
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	OIL BAS	D00

OIL CONSERVATION SHIPSON SATION CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revieed 10-01-78 Format 68-01-83 Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.	ANSPORT OIL AND NATURAL GAS
Operator	
Horizon Oil & Gas Co.	·
Address	
P.O. Box 7, Spearman, Texas 79081	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well Change in Transporter of:	-
X Recompletion Cil	Dry Gas
Change in Ownership Cestinghead Ges	Condensate
If change of ownership give name	
and address of previous owner	
II. DESCRIPTION OF WELL AND LEASE	
Lease Name Well No. Pool Name, Includi	ing Formation Kind of Lease No.
Anderson 1 Monument P	addock State, Federal or Fee Fee
Location	
Unit Letter 0 ; 330 Feet From The South	Line and 1980 Feet From The East
Line of Section 8 Township 20S Range	37E , NMPM, Lea County
None of Authorized Transporter of Oil or Condensate	RAL GAS Address (Give address to which approved copy of this form is to be sent)
Tesoro Crude Oil Name of Authorized Transporter of Casinghead Gas X os Dry Gas	8700 Tesoro Dr., San Antonio, TX 78286 Address (Give address to which approved copy of this form is to be sent)
Warren Petroleum	P.O. Box 1589, Tulsa, Oklahoma 74102
Unit Sec. Twe. Ree	
If well produces oil or liquids, give location of tanks.	E Yes Jan. 19, 1988
If this production is commingled with that from any other lesse or p	
NOTE: Complete Parts IV and V on reverse side if necessary.	
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
	ALAW BLASS
I hereby certify that the rules and regulations of the Oil Conservation Division heren complied with and that the information given is true and complete to the best	APPROVED 19
my knowledge and belief.	BY Tall They
- () Le 1 ()-1	TITLE
	This form is to be filed in compliance with RULE 1104.
July F. G. T.	If this is a request for allowable for a newly drilled no desponed
Cartis F. Covington Signature	well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
Engineer	All sections of this form must be filled out completely for allow-
April 30, 1988	able on new and recompleted wells.
ADTIL 3U, 1900	Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporten or other such change of condition.
	Separate Forms C-104 must be filed for each peel in multiply
	campleted wells.

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11			,,,,	11	LE.		<i>7</i> 1 3		n .	\mathbf{n}	

Designate Type of Completic	m = (X)		New Well	Workover	Deepen	Plug Back	Same Res'v.	DUL Res'v
Date Spudded	Date Compl. Ready		Total Depth	 	_i	P.B.T.D.		<u> </u>
6-30-87	4-21-88		6800	1	No. of the contract of the con	54001	***	
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing	Formation	Top Oll/Go	Pey		Tubing Dept	h	
3550 RKB	Paddock		5110			5353		1.
Per forations						Depth Casin	g Shoe	
5118 - 5178 OA3	6 Holes					6539		•
	TUBII	NG, CASING, AN	D CEMENTIN	G RECOR	0			
HOLE SIZE	CASING & T	UBING SIZE		DEPTH SE	Τ	SA	CKS CEMEN	T
17	13 3	/8		250			260	
12 1/4	8_5	/8		1,215			470	
7 7/8	5 1	/2		6.539			820	

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable WELL able for this depth or be for full 24 hours)

UIL WELL	T and to the property of the land 24 world.							
Date First New Oil Run To Tanks	Date of Test Producing Method (Flow, pump, gas lift, etc.)							
4-21-88	4-29-88	Pumping	Pumping					
Length of Test	Tubing Pressure	Coming Pressure		Choke Size				
24 Hours	NA	40#	1	NA	1			
Actual Prod. During Test	Oil - Bbis.	Water - Bbis.		Ges-MCF				
206	31	175		26	.			

GAS WELL

	Length of Test	Bbls. Condensore/AMCF	Grovity of Condensate
Tenting Method (pitot, back pr.)	Tubing Pressure (Shut-ia)	Cosing Pressure (Shut-LB)	Choke Size

STATE OF NE												sed 10-1-78
ENERGY MO MINERA	· · · · · · · · · · · · · · · · · · ·	TMENT	OIL	CONS	ERVA	TION	ועוכ	ISION			. -	
			V. -		P. O. BO							Type of Lease
DITTRIBUTIO	N .					,			2000000		ne	Foo X
BANTA PE			5 A	NTAF	E, NEW	MEXIC	087	501		S. Stee	e Oil (6 Gas Lease No.
7112		\sqcup								.		
U.1.0.1.		III WE	LL COMPLI	ETION C	R REC	OMPLETIC	DN RI	EPORT A	ND LO	G Kreen	\overline{m}	mmmm
LAND OFFICE											////	
DPERATOR						·					IIII	
10. TYPE OF WELL								4 ij ij.		7. Uni	Agree	ement Name
		DIL	文]			,	111.21	= P. 100		i		
b. TYPE OF COMPLE	ETION		· • • • • • • • • • • • • • • • • • • •	-	> +∀ []	- OTHER				a. Fox	e or L	rase Name
•	DBA [ŗ		. चि	177.	/ 35	1.00		- 11.3.C			
WELL DV	<u> </u>	DEEPEN		X	23V8	OTHER		**	· · · · · · · · · · · · · · · · · · ·		erso	'n
2. Nume of Operator							٠	فسيح لانتيان والوالوالوا		9. Well	No.	
Horizon Oi	il & Gá	s Co.				•					ŀ	
. Address of Operator								·		10. Fa	eld one	Pool, or Wildcot
: DA B 7	7			70001						37-		- n - 1.11-
P.O. Box 7	, 5	pearma	n, Texas	79081						Mon	umen	t Paddock
4. Location of well											////	
i											IIII	
MEST LETTERO	LOCAT	33	O FEET	FROM THE	South		. 1	1980	FECT FRO		////	
						Till.	\overline{m}	mm	7777	12. 6	BUILA	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Foot	0		206	יודנ			////	WIII		// _ ·	•	
THE East LINE OF							7777,	777777	تتتتتا	Lea	7.	VIIIIII
.5. Date Spudded	16. Date	T.D. Res	cned 17. Date	Compl. (teedy to /	rod.) 18.	Eleva	tions (DF,	KKB, RT	, GRyerc.)	19. E	llev. Coshinghead
6-30 - 87	! 7-	30-87	1 4	4-21-88		ļ	3550) RKB		** A	3	539
10. Total Depth	<u> </u>	21. Plug E	ack T.D.	22.		e Compl., H	ow	23. Intervo	is , Ro	tary Tools		, Cable Tools
6800	İ	5.	400		Many M	A		Drilled		XX		
	1						1		<u>→ :</u>	AA		·
24. Producing Intervall	s), or this	completion	- 10p, Botte	m, Nome			3				25	i. Was Directional Survi
	-11	0 -	5 178									
Paddock	911	0)									No
16. Type Electric end (Other Logs	Run								1	27. Wa	s Well Cored
										1		_
DLL & CNL/	CDT											No
: 28.	,		CA	SING REC	ORD (Rep	ort all string	1 5 CT	in well)				
CASING SIZE	WEIGH	HT LB./F	T. DEPT	HSET	HOL	E SIZE	1	CEME	ITING RE	CORD		AMOUNT PULLED
13 3/8		48	2"	50			20	sx. Cl.	age "(11		0
8 5/8		24	1,21		1	2 1/4		sx. Li			all.	
												0
5 1/2		5.5	6,53	39	1	7 7/8	820	sx. Li	te & C	lass "	н	0
					<u> </u>							<u> </u>
29.		LIN	ER RECORD				1	30.		TUBING	RECO	RD
SIZE	TOP		BOTTOM	SACKS	EMENT	SCREEN		SIZE		EPTH SE	7	PACKER SET
NA				+					 -			
NA								2 3/8		<u>5,353</u>		NA NA
<u> </u>				1								!
31. Perforation Record	(Interval, s	ize and nu	umber)			32.	ACID	, SHOT, F	RACTUR	E, CEMENT	rsoui	EEZE, ETC.
5168 - 78	4"	Csg.	Guns	11 Hol	es	DEPTH	INTE	RVAL	AM	OUNT AND	KINE	MATERIAL USED
5148 - 54		Csg.		7 Ho1	20	5118 -				*		NE FE Acid
5138 - 42	7 7.11	Csg.	Cuno	5 Ho1		3110	<u> </u>		3,000	<u> 8ατ.</u>	1 2 /6	HD FD ACIO
Į.						!						
5118 - 30	4	Csg.	Guns	13 Ho1	es	ļ						
						1	•					-
33.				•	PROD	UCTION						
Date First Production		Production	m Method (Flo	wing, gas	lift, pumpi	ine - Size as	nd I V De	PUMD)		Well S	ito:us	(Prod. or Shut-in)
	- 1		_			•				i i		•
4-21-88			ping	7							duci	
Date of Test	Hours Te	E1 00	Choke Size	Prod'n. Test Po		Оп — Вы.		Gas — MCF	' WH	ner – Bbi.	- 1	Gas - Oil Ratto
4-29-88	24	_	NA	-		31	- 1	26	- 1	175	1	839
Flow Tubing Press.	Cosing P	ress ure	Calculated 24	- Oli - B	ы.	Gas — I	MCF	Wa	1dE - 201		Oil G	rovity - API (Corr.)
NA	40		How Rate		31	26	:	1	175		00	
34. Disposition of Gas (20124 212 4	1) <u>T</u>							3.3
	JULE, 88 EU	,0. ,861, 1	emen. etc./						ı	et Mituers	-	
Sold _									F	teliabl	e Pu	mping Service
35. List of Attochments												
				,								
35. I hereby certify that	No -= (tion ske	a on hand all.	Jalobie to		·		h. hf	1 = - · ·		14	
20. 1 HETELY CETTIFY LACE	7 - 7			, o, mus x	···· 15 6FBE	ma comple	ie 10 (ne neri 0) #	TY SECULO	ate and pe	NICL	
· /1	1+		/ K/									
SICHED	114	Χ.	LEX	A 717	LE En	gineer				P ++-	Apr	il 30, 1988
	F /2	inctor	7/	<u>~</u>						DAIE -		
Curtis	r. COV	ington	/ /	•								····

This form is in the filed with the superprinte District Office of the Division not in... then 20 days after the completion of any newly-difficed or despend well. It shall be communited by one copy of all electrical and radio-activity logs run on the well and a summary of all apacial tests constructed, including drill stem tests. All days reported shall be measured depths, in the case of directionally drilled wells, two vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be died in quantificate except an exist land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

		Southe	: es tern	New Mexico	Northwesters New Mexico					
r.	Anhy	1060	T.	Canyon	T. Ojo Alamo	T. Penn. "B"				
T.	Salt	1220	T.	Strawn	T. Kirtland-Fruitland	T. Penn. "C"				
D.	Salt	2 295	 T .	Atoka	T. Pictured Cliffs	T. Penn. "D"				
T.	Yates		T.	Miss	T. Cliff House	T. Leadville				
T.	7 Rivers		T.	Devonian	T. Menelee	T. Madison				
T.	Queen		T.	Silurian	T. Point Lookout	T. Elbert				
T.	Ge syburg		T.	Montoya	T. Mancos	T. McCrecken				
T.	San Andres .		T.	Simpson	T. Gallup	T. Ignacio Qtzte				
T.	Glorieta	5105	<u> </u>	McKee	Base Greenhorn	T. Granite				
T.	Paddock		T.	Ellenburger	T. Dekota	т				
T.	Blimbry		T.	Gr. Wash	T. Morrison	T				
T.	Tubb	6305	<u> </u>	Granite	T. Todilto	T				
T.	Drink and		T.	Delaware Sand	T. Entrada	T				
T.	Abo		T .	Bone Springs	T. Wingme	T				
T.	Wolfcamp		T .		T. Chinle	T				
					•	T				
T (Cisco (Boug)	C)	T.		T. Penn "A"					
				OIL OR GAS	S SANDS OR ZONES	_				
ìo,	l, from	5110	· -	to 5240	No. 4, from	50				
b. :	?, from	5590		5700 ·	No. 5, from					
		6350		£170 "	No. 6, from					

Include data on rate of water inflow and elevation to which water rose in hole.									
No. 1, from U:	nknown	.10	a						
No. 2, from			et						
No. 5, from			£						

FORMATION RECORD (Attach additional sheets if necessary)

Seet

No. 4, from...

* Prom	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
	}		NOTE: Our rights did not start until Paddock Zone.		1		
			Geologist on location at				
			5100'.				
100	5230	130	Limestone and Shale				•
230	5600	1	Limestone		·		
500	5680	1	Limestone and Shale	,		:2	• • • • • • • • • • • • • • • • • • •
580 550	5780	1 :	Limestone, Shale & Sandstone				
780 330	6330	•	Limestone and Shale		i i	,	
330	6800	470	Limestone, Shale & Sandstone			7	
	· .		-				
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	l]		}	٠.		

STATE OF NEW MEXICO

ENERGY MO MINERALS DEPARTMENTMAR

(Title)

(Date)

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DISTRIBUTION	
SANTA FE	
PHE	
U.S.O.4.	
LAND OFFICE	25
THAMSPORTER OIL	1170
CAS	ė
OPERATOR	
PROBATION OFFICE	

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE

PROBATION OFFICE		AND	•	•
T	AUTHORIZATION TO TRAN	ISPORT OIL AND NA	TURAL GAS	
Operator				
Horizon Oil & Gas Co	o. ·			
Address				
P.O. Box 7, Spea	arman, Texas 79081			
Reason(s) for filing (Check proper	box/	Other (Pla	ase expisin)	
X New Well	Change in Transporter of:	To shor	w transporter of Casi	nohead Cae -
Recompletion		Dry Gas		gcaa oas.
Change in Ownership	X Castnehead Gas	Condensete Pumping	g oil well.	
If change of ownership give name and address of previous owner			· · · · · · · · · · · · · · · · · · ·	
II. DESCRIPTION OF WELL A	Weil No. Pool Name, including			
Lease Name	i i		State, Federal or Fee Fee	Lease No.
Anderson	l Monument Bli	nebry	State, Federal SFF 46 1 CC	
Location	7 v 2 - 2	10001		
Unit Letter 0 : 33	30' Feet From The South L	ine and 1980'	Feet From The Eas	t
tune of Section 8	Township 20S Ronge	37E . NM	рм. Lea	
Line of Section 8	Township 203 Runge	3/E , NM	рм, реа	County
III DESIGNATION OF TRAN	NSPORTER OF OIL AND NATURA	IT GAS		
Name of Authorized Transporter of		Aggress (Give addres	ts to which approved copy of this	form is to be sent)
Tesoro Crude Oil Co.		8700 Tesoro I	Dr., San Antonio 7828	16
Name of Authorized Transporter of			ta to which approved copy of this	
Warren Petroleum		P.O. Box 1518	39, Tulsa, Oklahoma	74102
If well produces oil or liquids,	Unit Sec. Twp. Rgs.	is gas actually conne		······································
give location of tanks.	; 0 ! 8 ; 20S : 37E	Yes	January 19,	1988
I this production is commingled	with that from any other lease or pool	, give commingling on		
-			-	· · · · · · · · · · · · · · · · · · ·
NOTE: Complete Parts IV and	d V on reverse side if necessary.			
VI. CERTIFICATE OF COMPLI	IANCE	OIL	CONSERVATION DIVISION	אב
•				
hereby certify that the rules and regul	lations of the Oil Conservation Division have	APPROVED		, 19
neen complied with and that the information that the information is a second point.	action given is true and complete to the best of	By Ser	resolutions	
		1/100	7	
		T/7LE		
4 1 t		This form is	to be filed in compliance with	h mill # 1104
Etteria N. Kung.			quest for allowable for a new	
oria D. Knox Si	mature)	well, this form my	ist be accompanied by a tabul	ation of the decretic

ts taken on the well in accordance with MULE 111.

on new and recompleted wells.

completed wells.

All sections of this form must be filled out completely for allow-

Separate Forms C-104 must be filed for each pool in mustiply

Fill out only Sections I. II. III. and VI for changes of emner. well name or number, or transporter or other such thange of condition

Designate Type of Complet	ion - (X) Qil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff.
Date Spudded	Date Compl. Ready to Prod.	Tetal Depth	P.B.T.D.
6-30-87	12-1-87	6800'	6097'
Elevations (DF, RKB, RT, GR, etc.;	Name of Producing Formation	Top Oll/Gas Pay	Tubing Sopth
3550 RKB	Blinebry	5590'	6026'
Perforations			Depth Casing Shoe
5593' - 5700'		•	6539 '
	TUBING, CASING, AN	D CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17	13 3/8"	250	260 sx.
11	8 5/8"	1215	470 sx.
7 7/8"	5 1/2"	6539	820 sx.
· THET TATA ARITH DECLIES	TOD ALLOWARIE (Test Bust be o	de-	_///
OIL WELL	FOR ALLOWABLE (Test must be a able for this de	epth or be for full 24 hours)	
OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, ga.	
7. TEST DATA AND REQUEST OIL WELL. Date First New Oil Run To Tanks 10-16-87 Swabbed	able for this de	epth or be for full 24 hours)	
OIL WELL Date First New Oil Run To Tanks 10-16-87 Swabbed	Date of Test 12-2-87	Producing Method (Flow, pump, gas	e lift, etc.)
OH WELL Date First New Oil Run To Tanks 10-16-87 Swabbed Length of Teel	Date of Test 12-2-87	Producing Method (Flow, pump, ga. Pumping Casing Pressure	e lift, etc.)
OH WELL Date First New Oil Run To Tanks 10-16-87 Swabbed Length of Teet 24 hours	Date of Test 12-2-87 Tubing Pressure	Producing Method (Flow, pump, gentlement) Pumping Casting Pressure 25#	Choke Size
OH WELL Date First New Oil Run To Tanks 10-16-87 Swabbed Longin of Test 24 hours Actual Prod. During Test	Date of Test 12-2-87 Tubing Pressure Oil-Bbis.	Producing Method (Flow, pump, gentlemping Casing Pressure 25#	Choke Size Gos-MCF (Casinghead)
OH WELL Date First New Oil Run To Tanks 10-16-87 Swabbed Length of Teet 24 hours	Date of Test 12-2-87 Tubing Pressure Oil-Bbis.	Producing Method (Flow, pump, gentlemping Casing Pressure 25#	Choke Size Gos-MCF (Casinghead)
OH WELL Date First New Oil Run To Tanks 10-16-87 Swabbed Longth of Tool 24 hours Actual Prod. During Tool	Date of Test 12-2-87 Tubing Pressure Oil-Bbis. 17	Producing Method (Flow, pump, gentlement) Producing Method (Flow, pump, gentlement) Casing Pressure 25# Water-Bhis. 47	Choke Size Gos.MCF (Casinghead) 47

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT Form C-104 RECEIVED Revised 10-01-78 --. -- ------Format 06-01-83 DISTRIBUTION OIL CONSERVATION DIVISION Pens 1 SANTA PE P. O. BOX 2088 FILE DEC 17 '87 SANTA FE, NEW MEXICO 87501 4404 LAND OFFICE OIL O. C. D. TRAMSPORTER REQUEST FOR ALLOWABLE ARTESIA, OFFICE OPERATOR AND PROBATION OFFICE AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS. Operator Horizon Oil & Gas Co. Address P.O. Box 7 Texas 79081 Spearman, Reason(s) for filing (Check proper box) Other (Please explain) CASINGHEAD GAS MUST NOT ER FLARED AFTER 2-1-33 Oti Dry Gas UNLESS AN EXCEPTION TO BA Casinahead Gas Condensate Change in Ownership S OFFAINED. If change of ownership give name THIS WELL HAS BEEN PLACED IN THE POOL and address of previous owner SESIGNATED BELOW. IF YOU DO NOT CONCUR NOTIFY THIS OFFICE. II. DESCRIPTION OF WELL AND Well No. | Pool Name, Including Formation Kind of Lease Legse No. Monument Blinebry State, Federal or Fee Fee Anderson cetton 330 South Line and 1980' East 20 S Township Range 37E NMPM Eddy County Line of Section III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Address (Give address to which approved copy of this form is to be sent) Name of Authorized Transporter of Oil X oil Co Tesoro Crudi Midland, Texas Address (Give address to which approved copy of this form is to be sent) Name of Authorized Transporter of Casinghead Gas or Dry Gas Unit Twp. Rge. is gas actually connected? If well produces oil or liquids, give location of tanks. 20 S ! 37E No If this production is commingled with that from any other lease or pool, give commingling order number: NOTE: Complete Parts IV and V on reverse side if necessary. OIL CONSERVATION DIVISION VI. CERTIFICATE OF COMPLIANCE I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Curtis F. Covington (Sipline)
Engineer
(Title)

12-3-87 (Date)

This form is to be filed in compliance with RULE 1104,

If this is a request for allowable for a newly drilled or despended well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporten or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

	Oll Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v. Diff. Re		
Designate Type of Complet	ion $-(X)$		X		:				
Date Spudded	Date Compl. Ready t	o Prod.	Total Depth	1		P.B.T.D.			
6-30-87	12-1-87		680	0'		609	97'		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing F	ormation	Top Oil/Ga	s Pay		Tubing Dep	th		
3550 RKB	Blinebry		5590)		602	26'		
Perforations	•					Depth Castr	ng Shoe		
5593' <u>- 5700'</u>						653	39 '		
The State of the same	TUBIN	G, CASING, AN	D CEMENTI	NG RECORD)				
HOLE SIZE	CASING & TU	BING SIZE	SIZE DEPTH SET				CKS CEMENT		
The state of the s	13 3/8"		250			260 s	ζ.		
11	8.5/8"	·	1215			470 sx.			
7_7/8"	** 5 1/2"	·	653	9	•	820 sx.			
'. TEST DATA AND REQUEST	FOR ALLOWABLE	(Test must be a	fter recovery	of total volum	e of load oil	and must be e	ual to or exceed top of		
OIL WELL		4000 100 17110 44	pih or be for j	full 24 hours)					
Date First New Oil Run To Tanks	Date of Test	00.0 JO 1810 C	<u> </u>	full 24 hours) fethod (Flow,		ift, etc.)			
Date First New Oil Run To Tanks	Date of Test 12-2-87		Producing M			ifi. esc.)			
oute First New Oil Run To Tanks 10–16–87 Swabbed			Producing M	ethod (Flow, ping		Choke Size			
Date First New Oil Run To Tanks 10–16–87 Swabbed	12-2-87	•	Producing M	ethod (Flow, ping					
Date First New Oil Run To Tanks 10-16-87 Swabbed Length of Test 24 hours	12-2-87	-	Producing M Pum Casing Pres	ethod (Flow, ping					
oute First New Oil Run To Tanks 10-16-87 Swabbed ength of Test 24 hours	12-2-87 Tubing Pressure	-	Producing M Pum Casing Pres 25#	ethod (Flow, ping		Choke Size			
Oute First New Oil Run To Tanks 10-16-87 Swabbed ength of Test 24 hours actual Prod. During Test	12-2-87 Tubing Pressure O(1-Bbls.	•	Producing N Pum Casing Pres 25# Water-Bbis.	ethod (Flow, ping		Choke Size			
Date First New Oil Run To Tanks 10-16-87 Swabbed Length of Test	12-2-87 Tubing Pressure O(1-Bbls.		Producing N Pum Casing Pres 25# Water-Bbis.	ethod (Flow, ping		Choke Size			

Deviation surveys taken on Horizon Oil & Gas's Anderson 1-8 well in Lea County, New Mexico:

Depth	Degree	
250	.25	RECEIVED
798	.75	
1220	.50	
1674	.50	DEC 17 '87
2218	.75	. 50
2718	1.00	O. C. D.
2772	1.00	ARTESIA, OFFICE
3240	.75	
3721	.50	
4706	1.50	
5700	3.25	
5750	3.75	
5812	3.50	
5906	2.50	
6070	2.25	
6126	2.25	
6283	1.75	
6451	1.75	
6657	2.50	
6800	1.75	

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Gene Helstrom, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

Gene Helstrom

SWORN AND SUBSCRIBED TO before me this 3rd day of December 1987.

Notary Public in and for Lubbock County, Texas.

My Commission expires 4-9-88.

STATE OF NE	_												Revi	sed 10-1-78
ENERGY MO MINERA		PART	MEN	T	OII	CONS	FPV	TION E	ivi	ISION	ı			
		├	_		OIL			X 2088				1		Type of Lease
SANTA PE) N	├ ─┼	_		· .			MEXICO		E0.		1	State	} F ■ X
FILE		 				NIAFI	E, MEN	MEXIC	. 61			S. S	icte Oil	6 Gas Lease No.
V.S.O.S.		\vdash	┥.		الراج		0.050			EDODT	AND	~		
LAND OFFICE			ן י	WELL	COMPLE	: HUN U	KKEC	OMPLETIC	IN K	ECEIVE	ED LI	20 VIII	IIII	
OPERATOR		1-1	\dashv		$V_{ij} = 0$		1.5	47 ()			-			
IG. TYPE OF WELL		<u></u>			1:11			. :				7. U	nit Agre	ement Name
			OIL	ভ	LA CAGO	WAT!			D	EC 1 -> 1	יסי	-		- w.
b. TYPE OF COMPL	5 T 10 W		₩ E	يد لڪا	CII CHELL	ا - النجاء	_ == Y	OTHER,	U	EC 17'	8/	 	orm or I	ease Name
·	084 T	3	•		PLUS	<u> </u>	PP.	ł						
WELLED ON	/ER	<u> </u>	DEEP	<u></u>	BACK	<u> </u>	sva.	BTHER	1	0.00	<u> </u>		ndersc	מי
2. Name of Operator									ART	ESIA, OF	FICE	9. W	ell No.	
Horizon Oi	1 & (Gas	Co.											1
3. Address of Operator												10.	Field on	d Pool, or Wildcat
P.O. Box 7				S	pearman.	Texas		79081				Mo	numer	nt Blinebry
4. Lecation of Well					pear man	·		7,001					7777	mmmm
4, paction of well				_										
_							_		_					
UNIT LETTER0		OCATE	D	330'	FEET F	- 3HT MOR	south	LINE AND	<u>, _ l</u>	.980'	_ FEET FR	on ///	/////	
									111	11111	17777	12.	County	
THE EAST LINE OF		8	,	we.	20 S as	ε. 37E		IIIII	////	[[[]]]	//////	- 1///	ldy L	ea MIIIIII
15. Date Spudded									Elevo	tions (DI	RKB. R			Lev. Cashinghead
6-30-87	ł	-30 -			i	2-1-87	.,	Į.	550				1	5339
				g Baci			** ** ***							. Cable Tools
20. Total Depth		2	1. PIU				ji Multip. Many	ie Compi., Ho	w	23. Inter	led By	lotary Too	18	Capie Loois
6800				609	7		NA					X		·
24. Producing Interval	(s), of :	this c	e icano	tion -	Top, Botton	n, Name							2.	5. Was Directional Survey Made
	_	۰												Wage
Blinebry -	53	43		570	0								l	No
25. Type Electric and						·							122 Wa	s Well Cored
		-				_				•				_
Dual Later	Tog :	and	Com	p. N	eutron/	Comp.	Densi	ty					1	lo
28.					CAS	ING RECO	ORD (Rep	ort all string	5 54 †	(Ilew ni				
CASING SIZE	W	EIGH'	T LB.	/FT.	DEPT	SET	но	LE SIZE		CEM	ENTING	RECORD		AMOUNT PULLED
13 3/8"			48		20	i0 ·	 		26	O sx.	Class	11C11		0
8 5/8"			24		121			12 1/4				Class	"C"	0
							<u> </u>							
5 1/2"			<u> 15</u>	.5	653	39	 	7 7/8	820	SX.	lite &	Class	H	0
	L_				1		<u> </u>		<u> </u>					<u> </u>
29.			L	INER	RECORD					36.		TUBIN	G RECO	RD
SIZE		TOP		8	OTTOM	SACKS C	EMENT	SCREEN	ļ	SIZE		DEPTH :	SET	PACKER SET
NA					•					2 3,	/8''	6026		ÑA
	-			 	 	 								
31 Beefeering Brown	(lee	ئے لم		<u> </u>		<u> </u>		120	4000	SHOT	ERACTI	25 6545	NT CO	SEZE EZO
31. Perforation Record	(Interv	rus, Si	e dh	u numb	er)			32.						EEZE, ETC.
FF001	001				. 11 -			DEPTH						D MATERIAL USED
5593' ~ 57	00'	over	all	usi	ng 4" Ca	ising G	un -	55 9 3' ·	<u>- 57</u>	00'				ed 2% KCL &
Total 65 h	0100										41,0	00# 20/	/40 sa	ind.
ו כט דפיוטי	OTER	•					-				1		•	
					•	•								
12							PPOO	UCTION				· · · · · · · · · · · · · · · · · · ·		
J3. Date First Production		- 1	Drad.	ction L	dethed (E1-	nina 1		ing - Size as	d e	e Dr== 1		1441	I Seator	(Prod. or Shut-in)
	Cano 1-1					-ung, gas i	eji, pump		ra typ	· pamp)				•
	Swabb			Pump			<u></u>						roduc	
Date of Test	Hour	s Tes	ted	C	hoke Size	Prod'n. Test Pe	For	Oil - Bbl.		Gas - M	CF ,	Water — B	bl.	Gas - Oil Ratio
12-2-87	1	24			-			17 .]	47		47		2765
Flow Tubing Press.	Comi	ing Pr	e 05 U		alcujated 24	- OII - B	bl.	Goza — i	4CF		Water - B	bl.	On c	Provity - API (Cort.)
		25		1 -	our Rate	. 1	7	47		- 1	47			39.7
34. Disposition of Gas	(Sold.		or Jue	l, veni	ed, esc.)	<u>'</u>						Test Witne	seed By	
Vented		•									l		_	umping Service
											1	VETT	DIE L	ambring pervice
35. List of Attachments	3						-							
														<u> </u>
E. I hereby certify the	the in	forma	tion s	houn' o	n bast side	s of this fo	rm is tru	e and comple	ie 10 1	he best o	my know	uledge and	belief	
/ /	/1	7	7	///	27									
	/			· 4			F.	ngineer					1	.2-3-87
SIGNED	7/4	<u> </u>		7/		TIT	LE					DAT	E	. 4-J-0/
Curti	S F.	Cov	ing	fon										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or despensed well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each some. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

- INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	•	Southeastern New Mexico						Northwestern New Mexico						
T.	Anhy	1060	т.	Can	yon		_ T.	Ojo Alamo		T.	Penn. "B"			
T.	Sait	1220	T.	Stra	wn		_ T.	Kirtland-Fruitland		T.	Penn. "C"			
B.	Sal t	2295	T.	Atol			_ T.	Pictured Cliffs	·	T.	Penn. "D"			
T.	Yates	2432	T.	Miss	·		_ T.	Cliff House		r.	Leadville			
T.	7 Rivers _		Т.	Dev	onien		. T.	Menelee		T.	Medison			
T.	Queen	3171	Т.	Silu	rian	·	. T.	Point Lookout		Г.	Elbert			
T.	Grayburg .	3470	T.	Mon	toya		. T.	Mancos		r.	McCrecken			
T.	San Andre		T.	Simp	son		_ T.	Gallup	<u> </u>	r.	Ignacio Qtzte			
T.	Gloriets_	-1-0									Granite			
T.	Paddock -	5170	Т.	Elle	nburger		- T .	Dekota		r				
T.	Blinebry .													
T.	Tubb	6305	T.	Gran	ite		. T.	Todilto	7	r.				
T.	Drink ard	·	T.	Deia	ware Sand	J	. T.	Entrada		r.				
T.	Abo		Т.	Bone	e Springs .		- T .	Wingste	:	Γ.				
T.	Wolfcamp		Т.				_ T.	Chinle	7	r.				
T.	Penn		T.		··		- T .	Permian	7	Γ.				
T	Cisco (Bou	agh C)	T.				. T.	Penn. "A"	<u>·</u> -	r				
						OIL OR GAS	S	ANDS OR ZONES						
No.	1, from	5110		dl	5240	************	No	o. 4, from			-XO			
No.	2, from	5590		.to	5700		No	o. 5, from	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.to			
No.	3, from	6350		to	6470		No	o. 6, from			.to			
Incl	.de date em	s sate of water	r inflow on	d alaa	estion to u	IMPORTAN	•	WATER SANDS						
ADGR	MC USES OF		: WILLIAM WITH	e esci	TION TO W	THE WALL FOR	123				•			
No.	i, from	Unknown			to.			feet	*******		***************************************			
No.	2, from				to.	•		sect.	*******					
No.	3, from	***************		••••••	to.	no cyfrif i farthiae e aga ngantagg		feet.			**************************************			
No. 4	i, from				to.			feet.	********					
_			F	ORM	ATION RI	ECORD (Attach	ad d	litional sheets if necessa	ry)					
			1				7			_				

From	То	Thickness in Feet	Formetion	From	To	Thickness in Feet	Formation
			NOTE: Our rights did not start until Paddock Zone. Geologist on location at				
			5100'.	·			
100	5230	130	Limestone and Shale				
230	5600	470	Limestone				
600	5680	80	Limestone and Shale			1	
680	5 780	100	Limestone, Shale & Sandsto	ne		1	
780	6330	550	Limestone and Shale			1 1	
330	6800	470	Limestone, Shale & Sandsto	ne		1	^
			•			1	
		:				1	
i						1	

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT Form C-104 ---Revised 10-01-78 Format 06-01-63 DISTRIBUTION CONSERVATION DIVISION SANTA PE P. O. BOX 2088 FILE V.S.G.S. SANTA FÉ, NEW MEXICO 87501 LANG OFFICE THAMSPORTER REQUEST FOR ALLOWABLE OPERATOR AND PROBATION OFFICE **AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS** 0 Address Reason(s) for filing (Check proper box) X New Well 500 Bbl Test Allowable Oil Recompletion Dry Gas Condensate Castnah Change in Ownership If change of ownership give name and address of previous owner. II. DESCRIPTION OF WELL AND LEASE Pool Name, including Formation Kind of Lease Lease No. Fee Location 3) E Township NMPM Line of Section County III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Name of Authorized Transporter of Oil or Condensate Address (Give address to which approved copy of this form is to be sent) 1250RO LRS Name of Authorized Transporter of Casinghead Gas or Dry Gas Address (Give address to which approved copy of this form is to be sent) Unit Twp. Rge. is gas actually connected? When If well produces oil or liquids, give location of tanks. 0 205: 37E If this production is commingled with that from any other lease or pool, give commingling order number: NOTE: Complete Parts IV and V on reverse side if necessary. OIL CONSERVATION DIVISION VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

· (Cuity & CX	
	(3/gnature)	, ·
-	(Title)	
	(Date)	

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed walls.

Designate Type of Completi	ion — (X)	ii New Well Workover D	Plug Back Same Res'v. Diff. Res'v
Date Spudded	Date Compi. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.;	Clevations (DF, RKB, RT, GR, etc.; Name of Producing Formation		Tubing Depth
Perforations			Depth Casing Shoe
	TUBING, CASING,	AND CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SAGKS CEMENT
	 		
V. TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be able for the	be after recovery of total volume of a depth or be for full 24 hours)	load oil and must be equal to or exceed top allow
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pum	p, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Autual Prod. During Test	Oil-Bhis.	Water-Bbls.	Gas-MCF
GAS WELL	· ·		
Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
Tosting Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-is)	Choke Size

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES BECEIVED		
DISTRIBUTION		
SANTA PE	T	
FILE		
Ų.S.G.S.		
LAND OFFICE		
OPERATOR		

OIL CONSERVATION DIVISION

		AVIDA PLAISION	
DISTRIBUTION	- P O	BOX 2088	Form C-103
SANTA PE	SANTA FE N	EW MEXICO 87501	Revised 10-1-78
PILE			5a. Indicate Type of Lease
U.S.G.S.	191 4		
LAND OFFICE	J 197 197 (9)		State Fee X
OPERATOR	1 111 11107	and the second s	5, State Oil & Gas Lease No.
	· Wil ·		
			trimming
SUNDR	RY NOTICES AND REPORTS	ON WELLS	
	POSALS TO DRILL ON TO BECEEN OR POSON POR PERMIT - FORM-C-101) FOR	SUCH PROPOSALS.)	
1.			7, Unit Agreement Name
WELL X WELL	OTHER-		j
2. Name of Operator			8. Form or Lease Name
Horizon Oil & Gas Co.		•	
			Anderson
3. Address of Operator			9. Well No.
P.O. Box 7 Spearma	an, Texas 79081		#1
4. Location of Well	m; 10Ad5 /5001		10. Field and Pool, or Wildcat
··· =			· j
UNIT LETTER	1980 FEET FROM THE East	LINE AND 330 PEET PRO	Monument
THE South LINE, SECTION	8	20S RANGE 37E	
THE LINE, SECTION	TOWNSHIP	RANGE HMPL	· ((((((((((((((((((((((((((((((((((((
	15. Elevation (Show whe	ther DF, RT, GR, etc.)	12. County
	(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Lea ()
16.			
Check A	Appropriate Box To Indicat	e Nature of Notice, Report or O	ther Data
NOTICE OF IN	ITENTION TO:	SUBSEQUEN	T REPORT OF:
		1	
PERFORM REMEDIAL WORK	PLUS AND ASANDON	REMEDIAL WORK	. —
	PLUE AND ARABON		ALTERING CASING
TEMPCRARILY ABANDON		COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB X	
		OTHER	
	ļ		
OTACH	**************************************	-	
17 Describe Proposed or Completed On	erations (Clearly state all neginent	details, and give pertinent dates, including	- antimoted data of stanting annual and
work) SEE RULE 1103.	and the state of periodical	actions, and give pertutent outes, including	t estimates date of starting any proposes
A. Ran 5 1/2" - 15.5	# casing. Set at 6539	9'. Cemented with 420 sx.	Halliburton Lite
cement containing	5#/sk. Gilsonite an	nd 1/4#/sk Flocele, follow	red by 400 ex
class "H" contain	ing 5#/sk Cilconite	and 5#/sk KCL and 6/10 o	£ 19 11-11-1 N1
Di a la contain		and 5%/SK RCL and 6/10 C	I 1% Halled Nine.
Plug down at 3:50	P.M., /-31-8/. Press	sured casing to $1800\#$. Hel	d okay.
	• •		
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	•	•	,
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			•
	•		•
			•
•			
	•		
		·	
	/		
3. I hereby certify that the information a	above is true and complete to the be	at of my knowledge and belief.	
11#1			
EMED / Seally In Co	1 TITLE	Engineer	DATE 8-6-87
			, ————————————————————————————————————
Curtis F. Covington			1111
(/ 21. chx	(1218)	CHSTMOT 1 SUPERVISITE	1 2 1 4 4 J 2 2 1
PROVED BY	TOTAL TITLE		OATE

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION ---DISTRIBUTION Form C-103 O. BOX 2088 Revised 10-1-78 SANTA FE SANTA FE, NEW MEXICO 87501 FILE MF I 9 1201 5a. Indicate Type of Lease U.S.G.S. State Fee X LAND OFFICE 5. State Oil & Gas Lease No. OPERATOR SATTA FE SUNDRY NOTICES AND REPORTS ON WELLS M FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. APPLICATION FOR PERMIT —" IFORM C-101) FOR SUCH PROPOSALS.) 7. Unit Agreement Name WELL X OTHER-2. Name of Operator 8. Form or Lease Name Horizon Oil & Gas Co. Anderson 3, Address of Operator 9. Well No. P.O. Box 7 79081 Spearman, Texas i. i.ocation of Well 10. Field and Pool, or Wildcat Monument 1980 East FEET FROM THE ___ 8 20S 15. Elevation (Show whether DF, RT, GR, etc.) 12. County 3538' GR Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: ORM REMEDIAL WORK PLUG AND ABANDON COMMENCE DRILLING OPHS CASING TEST AND CEMENT JOB CHANGE PLANS 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed A. Spudded well at 9:30 P.M., 6-30-87. Ran 13 3/8", 48# Surface Casing, set at 250'. Cemented with 260 sx. of class "C" containing 2% CaCl. Cement circulated to surface. Plug down at 9 A.M., 7-1-87. Waited on cement 20 hours. Tested Casing on 7-2-87, to 600#. Held okay. Ran 8 5/8", 24# Protection Casing. Set at 1215'. Cemented with 270 sx. Halliburton Lite cement and 200 sx. class "C" containing 2% CaCl. Cement circulated to surface. Plug down at 2:15 P.M., 7-3-87. Waited on cement 20 hours. Tested Casing on 7-4-87 to 1,000#. Held okay. 8. I hereby certify that the information above is trug nd complete to the best of my knowledge and belief. 7-6-87

ONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXIC	co	*		3	0-025-299	62.
ENERGY AND MINERALS DEPA		ONSERVATION	DIVISION	Fo	rm C-101	
no. or cortes accerbics		P. O. BOX 2088		·	vised 10-1-78	
DISTRIBUTION	SANT	A FE, NEW MEXIC	CO 87501	5.	Indicate Type of Loa	
SANTA FE	112			<u> </u>	STATE F	X
U.S.G.S.	.227			5.	State Oil & Gas Lease	No.
LAND OFFICE	JUN 29 1987	(سائن		1		
OPERATOR	301.	July 1				111111
	WFOR PERMIT TO DE	ILL DEEPEN OR F	LUG BACK			
	OIL CONTENTIALE			7.	Unit Agreement Name	*****
_	· —					•
DRILL X	DI	EEPEN	PLUG E	ACK	Farm or Lease Name	
b. Type of Well	•	SINGL	. —		4 .	
well is well is	OTHER .	ZON		ZONE L	WORRSON	
2. Name of Operator	2:1:0			9.	Well No.	
HORIZON (Oil & GAS CO	9 e -			#/	
3. Address of Operator	n .		- /	10	. Field and Pool, or Wil	deat
P. O. Box	/ Spear	MAN TEXAS	79081		Monument	
4. Location of Well	0	1980 PEET FI		LINE	minitin	11111
UNIT LETTE	IN LOCATE	b	IOM THE	LINE		//////
AND 330 FEET FROM	THE South LINE OF	· · · · · · · · · · · · · · · · · · ·	205 AGE. 3	7 F		
Million Tiller	THE SOUTH LINE OF	riinnnniin	hrimmin		. County	4444
				//////	101	
:////////////////////////////////////		<i>+++++++++</i>	444444	-4444	All Arritage	4447
		7777777	posed Depth 1			77777.
				A. Formation	23. Rotary or	C. Y.
				ANDOCK ? B	linebry Rota	RY
1. Elevations (show whether DF,			rilling Contractor		2. Approx. Date Work w	11 /slort
UNKNOWN	1-we	li Non	ton Drilling	(o.	Upon Aparovu I	<u>'</u>
23.				· · · · · · · · · · · · · · · · · · ·	7 77	
	PROI	POSED CASING AND CEM	ENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING WE	EIGHT PER FOOT SE	TTING DEPTH	SACKS OF C	EMENT EST.	TOP
17	133/8"	54	250'	300	Surfac	0.
11"	8%="	244	1500'	500	Surface	
77/- "	114 74"	14 + 1-4				
/ 18	45" or 5%" 1	11.6# n 15#	6800	as need	ed approx	2500
					•	
					,	
				1 //	////	
		C = 11" 3	000 PS1	Clouble	rydraulic	
Blow-aut-pre	am tor - Sharr	er Lii,	, ,		/	
	enterior -					
process,	euntor - Shaff					
Pion 0 or 7	enemo:	ha/	40 M2 C			
10. L/a	2 3" 04	reningo below	rams,			
with	2 3" 04	venings below	rams,			
with	2 3" 04	venings below	rams,			٠. ي
with	2 3" 04	venings below	rams,			nt (i)
with	2 3" 04	venings below	rams,			nt Ex)
with	2 3" of	venings below	rams,			nt ==)
with	2 3" of	servings below s-Chevron	rams,			7.t (42)
with	2 3" 04	servings below s-Chevron	rams,			η± 34)
with	2 3" of	servings below s-Chevron	rams,			7. t = 12.
with	2 3" of	servings below s-Chevron	rams,			mEW PRODUC
with	This 40 Acre	Denies Delow S-Chevron	Theodor			MEW PRODUC
with	This 40 Acre	servings below s-Chevron	Theodor			MEW PRODUC
with	This 40 Acre	osal is to deepen on plue	Theodor	Anders	TIVE ZONE AND PROPOSED	MEW PRODUC
with	This 40 Acre	Denies Delow S-Chevron	Theodor		TIVE ZONE AND PROPOSED	ngt (24)
with	oposed program: IF proper in process, If any.	osal is to deepen on plue	Theodor	Anders	TIVE ZONE AND PROPOSED	MEW PRODUC
Other well is ABOVE SPACE DESCRIBE PROVE ZONE. GIVE BLOWOUT PREVENTE Dereby certify that the information gned with the information of the control of the con	oposed program: IF proper in process, If any.	Dewisso below S - Chevron Chevron Cosal is to deepen on plue to the boot of my knowled tile <u>Engineen</u>	Theodore	Anders	TIVE ZONE AND PROPOSED	MEW PRODUC
Other well is ABOVE SPACE DESCRIBE PROVE ZONE. GIVE BLOWOUT PREVENTE Dereby certify that the information gned with the information of the control of the con	oposed program: IF proper in process, If any.	Dewisso below S - Chevron Chevron Cosal is to deepen on plue to the boot of my knowled tile <u>Engineen</u>	Theodor	Anders	TIVE ZONE AND PROPOSED	NEW PRODUC
Other well is ABOVE SPACE DESCRIBE PROVE ZONE. GIVE BLOWOUT PREVENTE Dereby certify that the information gned with the information of the control of the con	oposed program: IF proper in process, If any.	Dewisso below S - Chevron Chevron Cosal is to deepen on plue to the boot of my knowled tile <u>Engineen</u>	Theodore	Anders	TIVE ZONE AND PROPOSED	NEW PRODUC

Permit Expires & Months From Approval
Date Unless Drilling Underway.

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

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Overdio Well No. HORÎZON OIL & GAS CO. Anderson Unit Letter Section Township County 37-E 8 20-S Lea Actual l'oatage Lucation of Well: 1980 330 South East feet from the line and feet from the Producing Formation Ground Lovel Elev: Poot Dedicated Acreage: 3538 Paddock Monument 40 Acres 1. Outling 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). Only one lease involved 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? Not applicable 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. CERTIFICATION I hereby certify that the information co Curtis F. Covington Position Engineer Company Horizon Oil & Gas Co. Date 6-23-87 TOPOGRAPHY: Natural Pasture, Flat; Pwr. Ln. 140' West of Loc. DISTANCE & DIRECTION: From Jct. of Hwy 8 & Hwy 322, in Monument, Go South 3.0 mi. on Hwy 8 to the SEF Sec. 8, Thence West on Lease Rd. 0.4 mi. to Location. Registered Professional Engineer and/or Land Surveyor 1980' 330' 6689

2000

1000

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

		All distances must be from	the outer boundaries, of	the Section.	· · · · · · · · · · · · · · · · · · ·		
Operator HORI	ZON OIL & GAS	CO.	Andersor	1	Well No. 1		
Unit Letter 0	Section 8	Township 20-S	Range 37-E	County			
Actual Footings Luci	stion of Well:	South line and	* 1980 to	t from the East	line		
Ground Lovel Elevi	Producing Form	notion Po	ol	· Maring	Dedicated Acrenge:		
			Monument by colored pencil a	r hechure marks on	the plat below.		
 Outline the acreage dedicated to the subject well by colored pencil or hachare marks on the plat below. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). Only one lease involved If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli- 							
-	•	nitization, force-pooling.		t applicable			
□ Үев		swer is "yes;" type of c	•	,			
	is "no," list the o	owners and tract descrip	tions which have a	tually been consoli	idated. (Use reverse side of		
				_	ommunitization, unitization, en approved by the Commis-		
	ţ				CERTIFICATION		
				teined	y certify that the information con- herein is true and camplete to the my knowledge and belief.		
	+		 	Position	ctis F. Cvington		
	1		1	Company	gineer		
TOPOGRAPH	 Y: Natural Pa	sture, Flat; Pwr. 1	.n. 140' West d		23-87		
DISTANCE Monument.	& DIRECTION: Go South 3.0	From Jct. of Hwy 8 mi. on Hwy 8 to the d. 0.4 mi. to Locat	& Hwy 322, in ne SEF Sec. 8,	l herni shown notes under d is fru	The property of the base of my supervision and the base of my supervision and the base of my supervision. No. 6689		
	! ! !			Date Surv	June 1987 d Professional Engineer		
	 	330'	1980'—	1 1	and Surveyor Boswell		
		2000	1900 1000 1	Certifica	6689		