

COUNTY *Lea*

POOL: *Monument-Tubb*

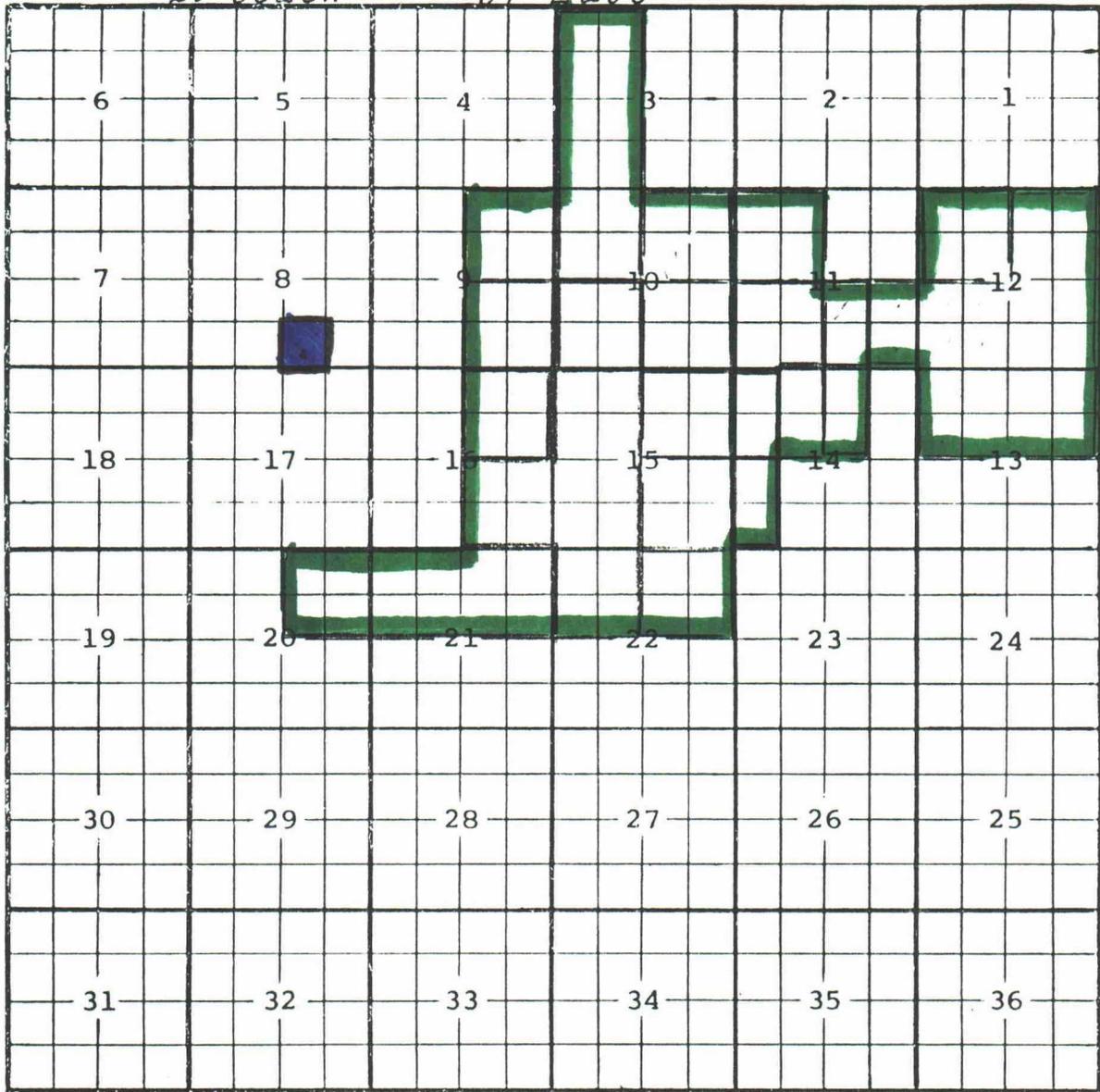
TOWNSHIP

*20-South*

RANGE

*37-East*

NMPM



*Description: <sup>SE</sup>/<sub>4</sub> Sec. 16, (R-1532, 12-1-59).*  
*Ext: <sup>NW</sup>/<sub>2</sub> Sec. 15, (R-1720, 8-1-60) - <sup>NW</sup>/<sub>4</sub> Sec. 22, (R-2393, 1-1-63).*  
*- <sup>NE</sup>/<sub>4</sub> Sec. 16, (R-2427, 3-1-63) - <sup>SW</sup>/<sub>4</sub> Sec. 10 (R-2527, 8-1-63)*  
*- <sup>NE</sup>/<sub>4</sub> Sec. 15; <sup>NE</sup>/<sub>4</sub> Sec. 20; <sup>N</sup>/<sub>2</sub> Sec. 21 (R-2602, 12-1-63) - <sup>W</sup>/<sub>2</sub> Sec. 3; <sup>SE</sup>/<sub>4</sub> Sec. 9.*  
*<sup>NW</sup>/<sub>4</sub> & <sup>SE</sup>/<sub>4</sub> Sec. 10; <sup>NE</sup>/<sub>4</sub> Sec. 22 (R-2692, 5-1-64) - <sup>NE</sup>/<sub>4</sub> Sec. 10; <sup>SE</sup>/<sub>4</sub> Sec. 15 (R-2781, 11-1-64)*  
*- <sup>W</sup>/<sub>2</sub> <sup>NW</sup>/<sub>4</sub> Sec. 14 (R-2879, 4-1-65) - <sup>SW</sup>/<sub>4</sub> Sec. 11; <sup>W</sup>/<sub>2</sub> <sup>SW</sup>/<sub>4</sub> Sec. 14 (R-2923, 7-1-65)*  
*- <sup>NW</sup>/<sub>4</sub> & <sup>W</sup>/<sub>2</sub> <sup>SE</sup>/<sub>4</sub> Sec. 11 (R-2983, 11-1-65) - <sup>NE</sup>/<sub>4</sub> Sec. 9 (R-3051, 4-1-66) - <sup>E</sup>/<sub>2</sub> <sup>NW</sup>/<sub>4</sub> Sec. 14 (R-3182, 2-1-67)*  
*Ext: <sup>E</sup>/<sub>2</sub> <sup>SE</sup>/<sub>4</sub> Sec. 11, <sup>E</sup>/<sub>2</sub> & <sup>SW</sup>/<sub>4</sub> Sec. 12, <sup>N</sup>/<sub>2</sub> Sec. 13 (R-4734, 3-1-74)*  
*Ext: <sup>NW</sup>/<sub>4</sub> Sec. 12 (R-6211, 12-31-79) Ext: <sup>W</sup>/<sub>2</sub> <sup>NE</sup>/<sub>4</sub> Sec. 14 (R-7248, 3-30-83)*

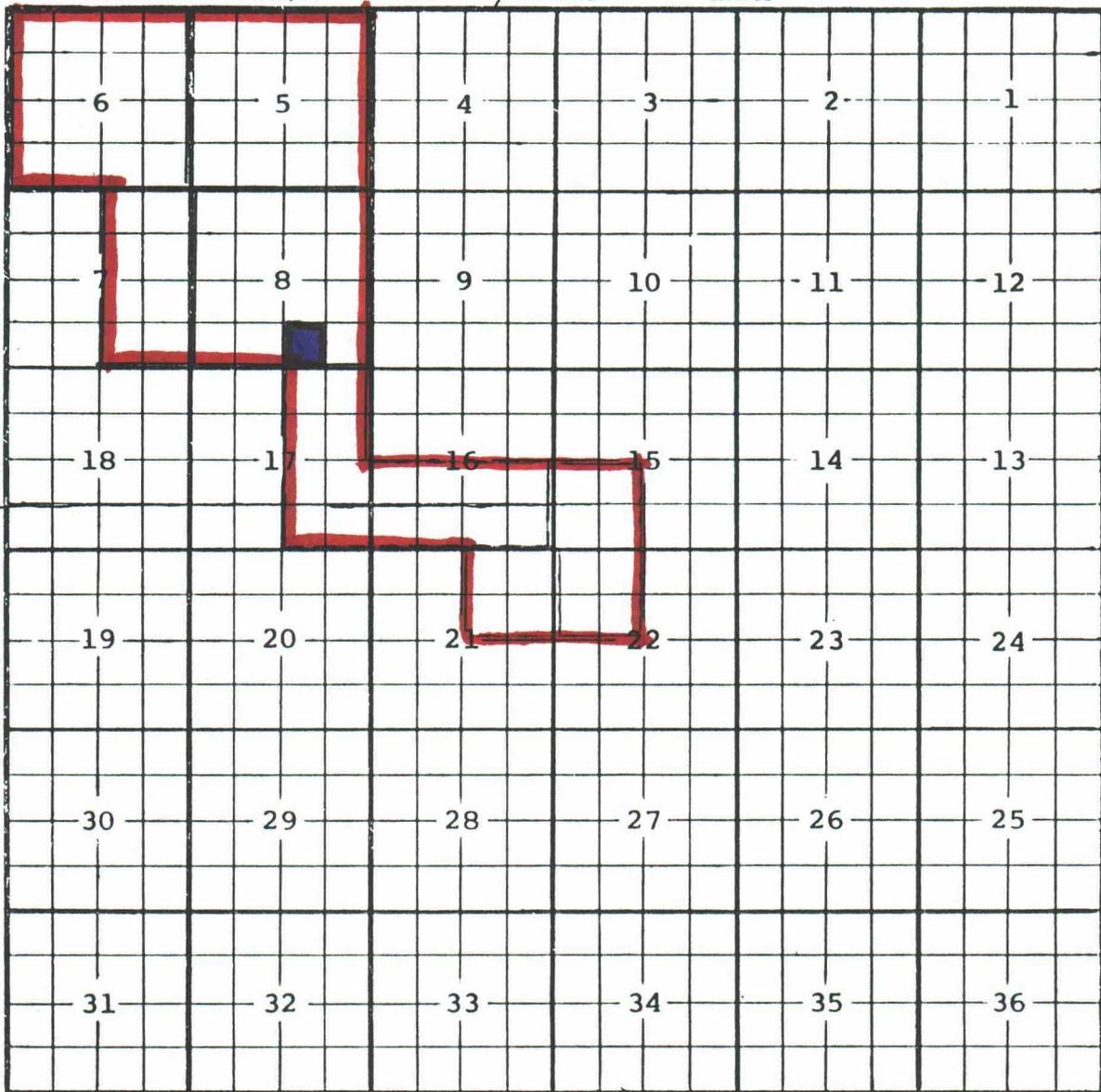
COUNTY *Lea*

POOL *Monument - Paddock*

TOWNSHIP *20 South*

RANGE *37 East*

NMFM



Description: All Sec. 6

Ext: All Sec. 5 (R-393, 11-14-53) - All Sec. 8 (R-407, 1-20-54)

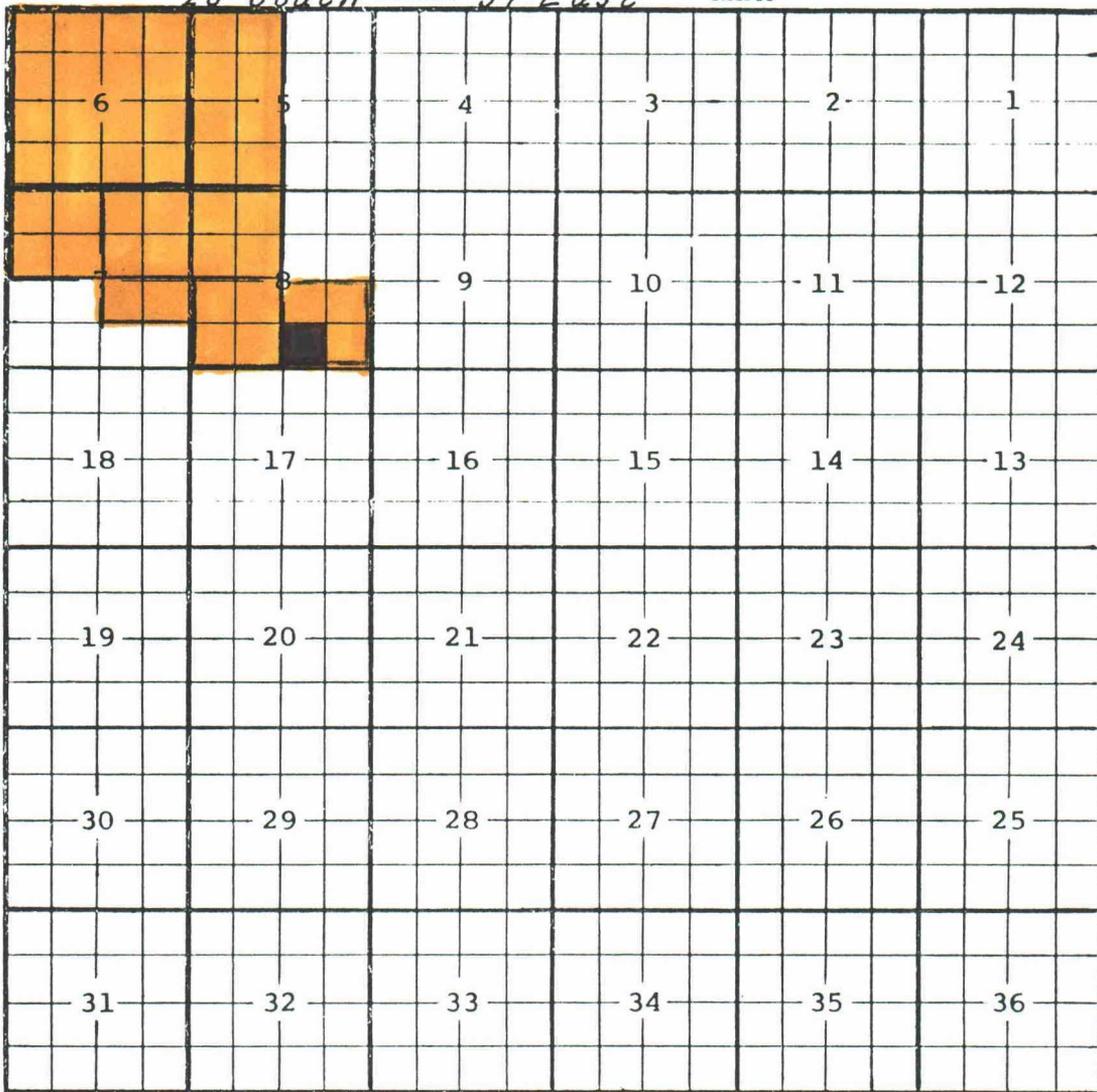
-  $\frac{E}{2}$  Sec. 7 (R-419, 5-6-54), Ext:  $\frac{S}{2}$  Sec 16,  $\frac{E}{2}$  Sec 17 (R-4646, 11-1-73)

Ext:  $\frac{sw}{4}$  Sec 15,  $\frac{Nw}{4}$  Sec 22 (R-4861, 11-1-74)

Ext:  $\frac{NE}{4}$  Sec 21 (R-5232, 11-1-78)

COUNTY *Lea* POOL *Monument - Blinebry*

TOWNSHIP *20-South* RANGE *37-East* NMFM



*Description: All Sec. 6.*

*Ext: <sup>W</sup>/<sub>2</sub> Sec. 5 (R-184,8-28-52) - <sup>NE</sup>/<sub>4</sub> Sec. 7 - <sup>NW</sup>/<sub>4</sub> Sec. 8,  
(R-348,7-27-53) - <sup>SW</sup>/<sub>4</sub> Sec. 8, (R-407,1-20-54) - <sup>NW</sup>/<sub>4</sub> Sec. 7,  
(R-561,12-16-54) - <sup>N</sup>/<sub>2</sub> <sup>SE</sup>/<sub>4</sub> Sec. 7, (R-713,11-10-55).*

*EXT: <sup>SE</sup>/<sub>4</sub> SEC 8 (R-8603, 2/14/88)*

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.

(4) 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 drilling of too few wells, and to otherwise prevent waste and protect 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 non-standard 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.

(2) 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.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

MAY 13 1988

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>	
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name Anderson	
9. Well No. 1	
10. Field and Pool, or Wildcat Monument Tubbs	
12. County Lea	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL  GAS WELL  OTHER

2. Name of Operator  
Horizon Oil & Gas Co.

3. Address of Operator  
P.O. Box 7, Spearman, Texas 79081

4. Location of Well  
UNIT LETTER o 330 FEET FROM THE South LINE AND 1980 FEET FROM  
THE East LINE, SECTION 8 TOWNSHIP 20S RANGE 37E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
3550 RKB

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

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)

Set Retrievable Bridge Plug @ 6,097', to test Blinbery.

8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Engineer DATE May 2, 1988

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**  
MAY - 6 1988

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
SANTA FE

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

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	GAS
OPERATOR	
PRODUCTION OFFICE	

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

**REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

**I. Operator**  
Horizon Oil & Gas Co.

**Address**  
P.O. Box 7, Spearman, Texas 79081

**Reason(s) for filing (Check proper box)**

<input type="checkbox"/> New Well	<b>Change in Transporter of:</b>	<input type="checkbox"/> Dry Gas
<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

**Other (Please explain)**

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

<b>Lease Name</b> Anderson	<b>Well No.</b> 1	<b>Pool Name, including Formation</b> Monument Paddock	<b>Kind of Lease</b> State, Federal or Fee	<b>Fee</b>	<b>Lease No.</b>
<b>Location</b>					
Unit Letter <u>0</u> ; <u>330</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>East</u>					
Line of Section <u>8</u> Township <u>20S</u> Range <u>37E</u> . NMPM, Lea County					

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

<b>Name of Authorized Transporter of Oil</b> <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Tesoro Crude Oil	<b>Address (Give address to which approved copy of this form is to be sent)</b> 8700 Tesoro Dr., San Antonio, TX 78286
<b>Name of Authorized Transporter of Casinghead Gas</b> <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Warren Petroleum	<b>Address (Give address to which approved copy of this form is to be sent)</b> P.O. Box 1589, Tulsa, Oklahoma 74102
<b>If well produces oil or liquids, give location of tanks.</b>	<b>Unit</b> <u>0</u> <b>Sec.</b> <u>8</u> <b>Twp.</b> <u>20S</u> <b>Rge.</b> <u>37E</u>
<b>is gas actually connected?</b>	<b>When</b>
Yes	Jan. 19, 1988

If this production is commingled with that from any other lease or pool, give commingling order number: NA

**NOTE: Complete Parts IV and V on reverse side if necessary.**

**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 (Signature)  
Engineer (Title)  
April 30, 1988 (Date)

**OIL CONSERVATION DIVISION**

APPROVED W. B. ..., 19 1988  
BY [Signature]  
TITLE ...

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 wells.

**IV. COMPLETION DATA**

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		XX					XX		
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
6-30-87	4-21-88		6800'			5400'			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
3550 RKB	Paddock		5110			5353			
Perforations						Depth Casing Shoe			
5118 - 5178 OA 36 Holes						6539			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
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 for this depth or be for full 24 hours)**

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
4-21-88	4-29-88	Pumping	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 Hours	NA	40#	NA
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
206	31	175	26

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

OIL CONSERVATION DIVISION

P. O. BOX 2088  
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OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

10. TYPE OF WELL

OIL WELL  GAS WELL  DRY  OTHER   
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER

1. Name of Operator  
Horizon Oil & Gas Co.

3. Address of Operator  
P.O. Box 7, Spearman, Texas 79081

4. Location of Well  
UNIT LETTER 0 LOCATED 330 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 8 TWP. 20S RGE. 37E

7. Unit Agreement Name  
8. Farm or Lease Name  
Anderson

9. Well No.  
1

10. Field and Pool, or Wildcat  
Monument Paddock

12. County  
Lea

15. Date Spudded 6-30-87 16. Date T.D. Reached 7-30-87 17. Date Compl. (Ready to Prod.) 4-21-88 18. Elevations (DF, RKB, RT, GR, etc.) 3550 RKB 19. Elev. Casinghead 3539

20. Total Depth 6800 21. Plug Back T.D. 5400 22. If Multiple Compl., How Many NA 23. Intervals Drilled By: Rotary Tools XX Cable Tools

24. Producing Interval(s), at this completion - Top, Bottom, Name  
Paddock 5118 - 5178

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
DLL & CNL/CDT

27. Was Well Cored  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	250		20 sx. Class "C"	0
8 5/8	24	1,215	12 1/4	470 sx. Lite & Class "C"	0
5 1/2	15.5	6,539	7 7/8	820 sx. Lite & Class "H"	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NA					2 3/8	5,353	NA

31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Interval	Size	Number	Depth Interval	Amount and Kind Material Used
5168 - 78	4" Csg. Guns	11 Holes	5118 - 5178	5,000 gal. 15% NE FE Acid
5148 - 54	4" Csg. Guns	7 Holes		
5138 - 42	4" Csg. Guns	5 Holes		
5118 - 30	4" Csg. Guns	13 Holes		

33. PRODUCTION

Date First Production 4-21-88	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping	Well Status (Prod. or Shut-in) Producing					
Date of Test 4-29-88	Hours Tested 24	Choke Size NA	Prod'n. For Test Period →	Oil - Bbl. 31	Gas - MCF 26	Water - Bbl. 175	Gas - Oil Ratio 839
Flow Tubing Press. NA	Casing Pressure 40	Calculated 24-Hour Rate →	Oil - Bbl. 31	Gas - MCF 26	Water - Bbl. 175	Oil Gravity - API (Corr.) 38.3	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By  
Reliable Pumping Service

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Curtis F. Covington TITLE Engineer DATE April 30, 1988

**INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 30 days after the completion of any newly-drilled or deepened 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 zone. The form is to be filed in quadruplicate except on same 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1220 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____ 2295 _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2432 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2742 _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3171 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3470 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3838 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5105 _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5170 _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinney _____ 5590 _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6305 _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

**OIL OR GAS SANDS OR ZONES**

No. 1, from _____ 5110 _____ to _____ 5240 _____	No. 4, from _____ to _____
No. 2, from _____ 5590 _____ to _____ 5700 _____	No. 5, from _____ to _____
No. 3, from _____ 6350 _____ to _____ 6470 _____	No. 6, from _____ to _____

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ Unknown _____ to _____ to _____ feet _____
No. 2, from _____ to _____ to _____ feet _____
No. 3, from _____ to _____ to _____ feet _____
No. 4, from _____ to _____ to _____ feet _____

**FORMATION RECORD (Attach additional sheets if necessary)**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			NOTE: Our rights did not start until Paddock Zone. Geologist on location at 5100'.				
5100	5230	130	Limestone and Shale				
5230	5600	470	Limestone				
5600	5680	80	Limestone and Shale				
5680	5780	100	Limestone, Shale & Sandstone				
5780	6330	550	Limestone and Shale				
6330	6800	470	Limestone, Shale & Sandstone				

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STATE OF NEW MEXICO  
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Form C-104  
 Revised 10-01-78  
 Format 08-01-83  
 Page 1

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

**REQUEST FOR ALLOWABLE  
 AND  
 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

**I.**

Operator  
 Horizon Oil & Gas Co.

Address  
 P.O. Box 7, Spearman, Texas 79081

Reason(s) for filing (Check proper box)

<input checked="" type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain)
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	To show transporter of Casinghead Gas - Pumping oil well.
<input type="checkbox"/> Change in Ownership	<input checked="" type="checkbox"/> Casinghead Gas	
	<input type="checkbox"/> Dry Gas	
	<input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name Anderson	Well No. 1	Pool Name, including Formation Monument Blinebry	Kind of Lease State, Federal or Fee	Fee	Lease No.
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

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Tesoro Crude Oil Co.	8700 Tesoro Dr., San Antonio 78286	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Warren Petroleum	P.O. Box 15189, Tulsa, Oklahoma 74102	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	0	8
	Twp.	Range
	20S	37E
is gas actually connected?	When	
Yes	January 19, 1988	

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.

**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.

Gloria D. Knox  
 Gloria D. Knox (Signature)  
 Office Manager (Title)  
 March 4, 1988 (Date)

**OIL CONSERVATION DIVISION**

APPROVED \_\_\_\_\_, 19\_\_\_\_

BY [Signature]

TITLE \_\_\_\_\_

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 wells.

**IV. COMPLETION DATA**

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res.
		X		X					
Date Spudded 6-30-87	Date Compl. Ready to Prod. 12-1-87	Total Depth 6800'		P.B.T.D. 6097'					
Elevations (DF, RKB, RT, CR, etc.) 3550 RKB	Name of Producing Formation Blinebry	Top Oil/Gas Pay 5590'		Tubing Depth 6026'					
Perforations 5593' - 5700'				Depth Casing Shoe 6539'					
TUBING, CASING, AND 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.				

**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 for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 10-16-87 Swabbed	Date of Test 12-2-87	Producing Method (Flow, pump, gas lift, etc.) Pumping		
Length of Test 24 hours	Tubing Pressure -	Casing Pressure 25#	Choke Size -	
Actual Prod. During Test	Oil - Bbls. 17	Water - Bbls. 47	Gas - MCF (Casinghead) 47	

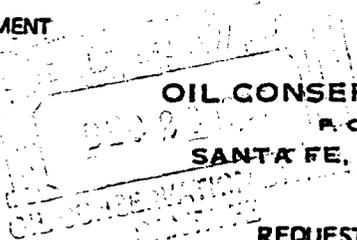
**GAS WELL**

Actual Prod. Test - MCF/D NA	Length of Test NA	Bbls. Condensate/MMCF NA	Gravity of Condensate NA
Testing Method (pilot, back pr.) NA	Tubing Pressure (Shut-in) NA	Casing Pressure (Shut-in) NA	Choke Size NA

12/2/87  
 10:00 AM  
 12/2/87  
 10:00 AM  
 12/2/87  
 10:00 AM

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ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
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SANTA FE, NEW MEXICO 87501

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Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

O. C. D.  
ARTESIA, OFFICE

I.

Operator  
Horizon Oil & Gas Co.

Address  
P.O. Box 7 Spearman, Texas 79081

Reason(s) for filing (Check proper box)

<input checked="" type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership			

Other (Please explain)  
**CASINGHEAD GAS MUST NOT BE FLARED AFTER 2-1-88 UNLESS AN EXCEPTION TO RULE 1104 IS OBTAINED.**

If change of ownership give name and address of previous owner  
THIS WELL HAS BEEN PLACED IN THE POOL DESIGNATED BELOW. IF YOU DO NOT CONCUR NOTIFY THIS OFFICE.

II. DESCRIPTION OF WELL AND LEASE

Lease Name Anderson	Well No. 1	Pool Name, including Formation Monument Blinebry	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter <u>0</u> : <u>330'</u> Feet From The <u>South</u> Line and <u>1980'</u> Feet From The <u>East</u> Line of Section <u>8</u> Township <u>20 S</u> Range <u>37E</u> , NMPM, <u>Eddy</u> <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Tesoro Crude oil Co.	Address (Give address to which approved copy of this form is to be sent) Midland, Texas					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit 0	Sec. 8	Twp. 20 S	Rge. 37E	Is gas actually connected? No	When

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.

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 (Signature)  
Engineer (Title)  
12-3-87 (Date)

OIL CONSERVATION DIVISION

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY Jerry Septe  
TITLE \_\_\_\_\_

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 wells.

**IV. COMPLETION DATA**

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X		X					
Date Spudded 6-30-87	Date Compl. Ready to Prod. 12-1-87	Total Depth 6800'		P.B.T.D. 6097'					
Elevations (DF, RKB, RT, GR, etc.) 3550 RKB	Name of Producing Formation Blinebry	Top Oil/Gas Pay 5590		Tubing Depth 6026'					
Perforations 5593' - 5700'				Depth Casing Shoe 6539'					

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
11	13 3/8"	250	260 SX.
11	8 5/8"	1215	470 SX.
7 7/8"	5 1/2"	6539	820 SX.

**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 for this depth or be for full 24 hours)**

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
10-16-87 Swabbed	12-2-87	Pumping	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hours	-	25#	-
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
	17	47	47

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Producing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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

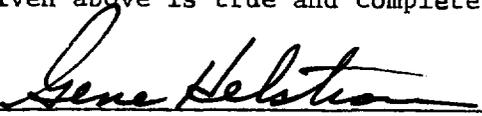
<u>Depth</u>	<u>Degree</u>
250	.25
798	.75
1220	.50
1674	.50
2218	.75
2718	1.00
2772	1.00
3240	.75
3721	.50
4706	1.50
5700	3.25
5750	3.75
5812	3.50
5906	2.50
6070	2.25
6126	2.25
6283	1.75
6451	1.75
6657	2.50
6800	1.75

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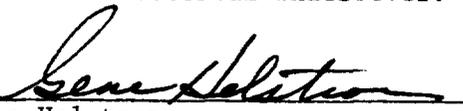
DEC 17 '87

O. C. D.  
ARTESIA, OFFICE

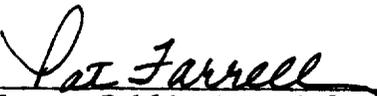
I hereby certify that I have personal knowledge of the facts placed  
on this sheet and that such information given above is true and complete.

  
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.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER  DEC 17 '87

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER  O C D

7. Unit Agreement Name

8. Farm or Lease Name  
Anderson

2. Name of Operator  
Horizon Oil & Gas Co.

3. Address of Operator  
P.O. Box 7 Spearman, Texas 79081

9. Well No.  
1

10. Field and Pool, or Wildcat  
Monument Blinebry

4. Location of Well  
UNIT LETTER 0 LOCATED 330' FEET FROM THE south LINE AND 1980' FEET FROM THE east LINE OF SEC. 8 TWP. 20S REC. 37E NMPM

12. County  
Eddy Lea

15. Date Spudded 6-30-87  
16. Date T.D. Reached 7-30-87  
17. Date Compl. (Ready to Prod.) 12-1-87  
18. Elevations (DF, RKB, RT, GR, etc.) 3550 RKB  
19. Elev. Casinghead 5339

20. Total Depth 6800  
21. Plug Back T.D. 6097  
22. If Multiple Compl., How Many NA  
23. Intervals Drilled By Rotary Tools Cable Tools  
X

24. Producing Interval(s), of this completion - Top, Bottom, Name  
Blinebry 5593-5700

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
Dual Laterlog and Comp. Neutron/ Comp. Density

27. Was Well Cared  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	250		260 sx. Class "C"	0
8 5/8"	24	1215	12 1/4	470 sx. lite & Class "C"	0
5 1/2"	15.5	6539	7 7/8	820 sx. lite & Class "H"	0

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
NA				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	6026	NA

31. Perforation Record (Interval, size and number)  
5593' - 5700' overall using 4" Casing Gun - Total 65 holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5593' - 5700'	40,000 gal. jelled 2% KCL & 41,000# 20/40 sand.

33. PRODUCTION

Date First Production 10-16-87 Swabbed  
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping  
Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-2-87	24	-	→	17	47	47	2765

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
	25	→	17	47	47	39.7

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented

Test Witnessed By  
Reliable Pumping Service

35. List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Curtis F. Covington TITLE Engineer DATE 12-3-87

**INSTRUCTIONS**

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-dilled or deepened 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 zone. The form is to be filed in quadruplicate 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 <u>1060</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1220</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2295</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2432</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2742</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3171</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3470</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3838</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5105</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock <u>5170</u>	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry <u>5590</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6305</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

**OIL OR GAS SANDS OR ZONES**

No. 1, from <u>5110</u> to <u>5240</u>	No. 4, from _____ to _____
No. 2, from <u>5590</u> to <u>5700</u>	No. 5, from _____ to _____
No. 3, from <u>6350</u> to <u>6470</u>	No. 6, from _____ to _____

**IMPORTANT WATER SANDS**

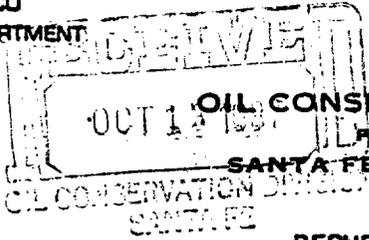
Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>Unknown</u> to _____ feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

**FORMATION RECORD (Attach additional sheets if necessary)**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			NOTE: Our rights did not start until Paddock Zone. Geologist on location at 5100'.				
5100	5230	130	Limestone and Shale				
5230	5600	470	Limestone				
5600	5680	80	Limestone and Shale				
5680	5780	100	Limestone, Shale & Sandstone				
5780	6330	550	Limestone and Shale				
6330	6800	470	Limestone, Shale & Sandstone				

STATE OF NEW MEXICO  
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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Horizon Oil & Gas Co.

Address P.O. Box 7 Spearman, Texas 79081

Reason(s) for filing (Check proper box)

<input checked="" type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain) <u>500 Bbl Test Allowable for Tubing</u>
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Anderson</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Monument (Tubb)</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location				
Unit Letter <u>O</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>East</u>				
Line of Section <u>8</u> Township <u>20S</u> Range <u>37E</u> , NMPM, <u>LEH</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>TESORO</u>	Address (Give address to which approved copy of this form is to be sent) <u>Midland, Texas</u>					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit <u>O</u>	Sec. <u>8</u>	Twp. <u>20S</u>	Rge. <u>37E</u>	Is gas actually connected?	When

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.

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 A. Galt  
(Signature)  
\_\_\_\_\_  
(Title)  
\_\_\_\_\_  
(Date)

OIL CONSERVATION DIVISION

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY Jerry S. [Signature]  
TITLE \_\_\_\_\_

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 wells.

**IV. COMPLETION DATA**

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
Perforations						Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE			DEPTH SET			SACKS CEMENT		

**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 for this depth or be for full 24 hours)

OIL WELL			
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

**GAS WELL**

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

10/10/80  
 10/10/80  
 10/10/80

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OIL CONSERVATION DIVISION

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

Form C-103  
Revised 10-1-78

AUG 17 1987

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>	
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name Anderson	
9. Well No. #1	
10. Field and Pool, or Wildcat Monument	
12. County Lea	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL  GAS WELL  OTHER

2. Name of Operator  
Horizon Oil & Gas Co.

3. Address of Operator  
P.O. Box 7 Spearman, Texas 79081

4. Location of Well  
UNIT LETTER 0 1980 FEET FROM THE East LINE AND 330 FEET FROM  
THE South LINE, SECTION 8 TOWNSHIP 20S RANGE 37E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
GR 3538

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

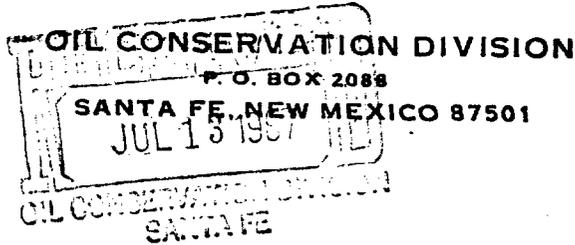
A. Ran 5 1/2" - 15.5# casing. Set at 6539'. Cemented with 420 sx. Halliburton Lite cement containing 5#/sk. Gilsonite and 1/4#/sk Flocele, followed by 400 sx class "H" containing 5#/sk Gilsonite and 5#/sk KCL and 6/10 of 1% Halled Nine. Plug down at 3:50 P.M., 7-31-87. Pressured casing to 1800#. Held okay.

3. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Curtis F. Covington TITLE: Engineer DATE 8-6-87  
Curtis F. Covington  
 APPROVED BY Jerry [Signature] TITLE: DISTRICT SUPERVISOR DATE 8-17-87  
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	



Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL  GAS WELL  OTHER

2. Name of Operator  
Horizon Oil & Gas Co.

3. Address of Operator  
P.O. Box 7 Spearman, Texas 79081

4. Location of Well  
UNIT LETTER 0 1980 FEET FROM THE East LINE AND 330 FEET FROM  
THE South LINE, SECTION 8 TOWNSHIP 20S RANGE 37E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name  
Anderson

9. Well No.  
# 1

10. Field and Pool, or Wildcat Monument

15. Elevation (Show whether DF, RT, GR, etc.)  
GR 3538'

12. County  
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- OTHER
- PLUG AND ABANDON
- CHANGE PLANS

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING TEST AND CEMENT JOB
- OTHER
- ALTERING CASING
- PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- A. Spudded well at 9:30 P.M., 6-30-87.
- B. 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.
- C. 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 true and complete to the best of my knowledge and belief.

SIGNED Curtis F. Covington TITLE Engineer DATE 7-6-87

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE [Blank]

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
JUN 29 1987

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work OIL WELL SANTA FE

b. Type of Well  
 DRILL  DEEPEN  PLUG BACK   
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
HORIZON OIL & GAS CO.

3. Address of Operator  
P. O. Box 7 Spearman, Texas 79081

4. Location of Well  
 UNIT LETTER 0 LOCATED 1980 FEET FROM THE EAST LINE  
 AND 330 FEET FROM THE South LINE OF SEC. 8 TWP. 20S RGE. 37E NMPM

7. Unit Agreement Name

8. Farm or Lease Name  
ANDERSON

9. Well No.  
#1

10. Field and Pool, or Wildcat  
Monument

12. County  
Lea

1. Elevations (Show whether DF, RT, etc.) <u>UNKNOWN</u>	21A. Kind & Status Plug. Bond <u>1-well</u>	21B. Drilling Contractor <u>Norton Drilling Co.</u>	22. Approx. Date Work will start <u>Upon Approval</u>
19. Proposed Depth <u>6800'</u>	19A. Formation <u>Pawnee &amp; Blinberry</u>	23. Rotary or C.T. <u>Rotary</u>	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	54	250'	300	Surface
11"	8 7/8"	24#	1500'	500	Surface
7 7/8"	4 1/2" or 5 1/2"	11.6# or 15#	6800'	as needed	approx 2500'

Blow-out-preventor - Shaffer E11", 3000 psi double hydraulic  
 with 2 3" openings below rams,  
 other well in this 40 acres - Chevron Theodore Anderson #1 (Current well)

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Engineer Date 6-22-87

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE JUN 25 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

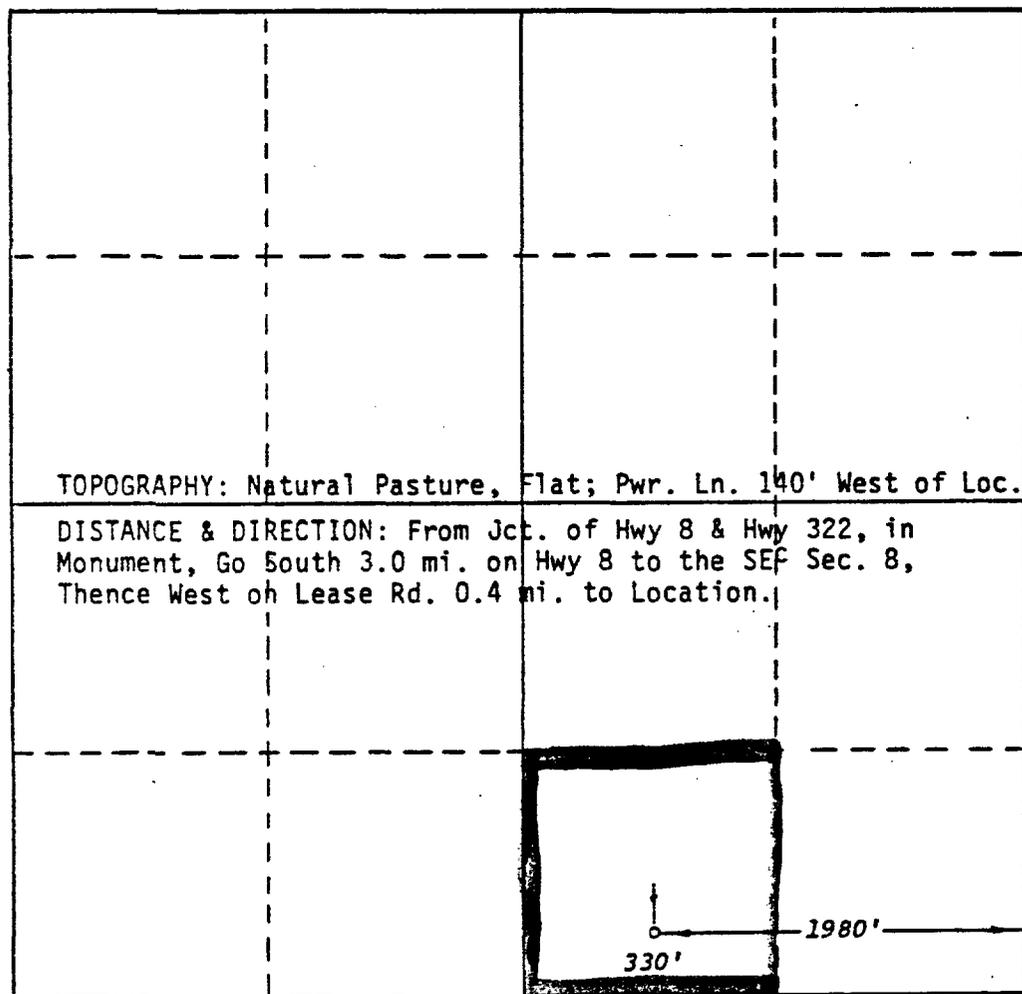
All distances must be from the outer boundaries of the Section.

Operator <b>HORIZON OIL &amp; GAS CO.</b>		Lease <b>Anderson</b>			Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>8</b>	Township <b>20-S</b>	Range <b>37-E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>330</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3538</b>	Producing Formation <b>Paddock</b>		Pool <b>Monument</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 consolidated by communitization, unitization, force-pooling, etc? **Not applicable**  
 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.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Curtis F. Covington*

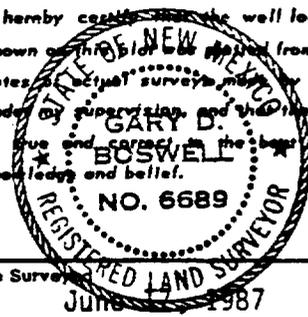
Name  
**Curtis F. Covington**

Position  
**Engineer**

Company  
**Horizon Oil & Gas Co.**

Date  
**6-23-87**

I hereby certify that the well location shown on this plat was obtained 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.

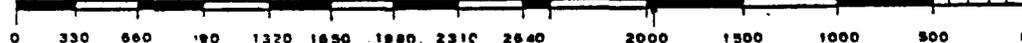


Date Surveyed  
**JUNE 23, 1987**

Registered Professional Engineer and/or Land Surveyor

*Gary D. Boswell*

Certificate No. **6689**



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section.

Operator <b>HORIZON OIL &amp; GAS CO.</b>		Lease <b>Anderson</b>			Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>8</b>	Township <b>20-S</b>	Range <b>37-E</b>	County <b>Lea</b>	
Actual Footings Location of Well: <b>330</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3538</b>	Producing Formation <b>Blindery</b>	Pool <b>Monument</b>	Dedicated Acreage: <b>40</b> Acres		

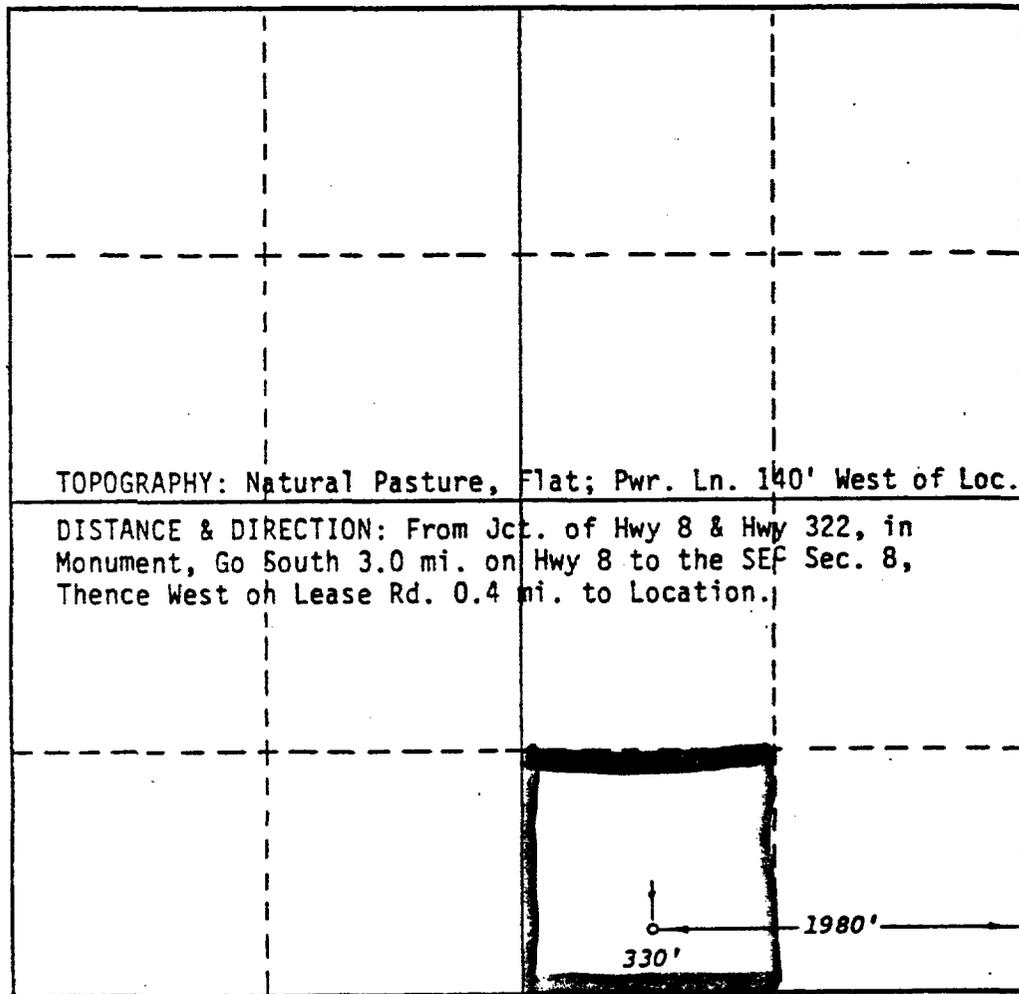
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  

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
- 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.



**CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

*Curtis F. Covington*

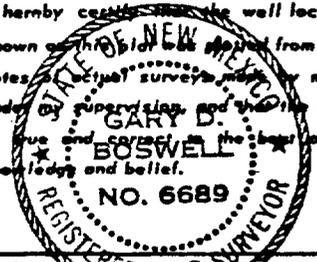
Name  
**Curtis F. Covington**

Position  
**Engineer**

Company  
**Horizon Oil & Gas Co.**

Date  
**6-23-87**

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



Date Surveyed  
**June 12, 1987**

Registered Professional Engineer  
and/or Land Surveyor

*Gary D. Boswell*

Certificate No. **6689**

