Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

RECEIVED
MAR 19 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: Robert L. Bayless

3. ADDRESS OF OPERATOR: P.O. Box 168, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 860' FNL & 870' FEL

5. LEASE DESIGNATION AND SERIAL NO.: NM 25857

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Hoover

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: Fruitland/Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21m T30N, R14W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5652' G.L.

12. COUNTY OR PARISH: San Juan

13. STATE: NM

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Commingle downhole Fruitland/P.C.				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Attached is a copy of the complete well history, no decline curve available due to the newness of the well, C-102 showing dedicated acreage, map with offset lease holders

Offset lease holders have been notified by CERTIFIED MAIL, copy of letter attached.

It appears the only production on the adjoining lease is Basin Dakota production with the only Fruitland-Pictured Cliff wells being drilled in Sections 3, 11 and 14, all of which were plugged and abandoned. No Fruitland-Pictured Cliffs production was obtainable.

NMOCD approval is required prior to commencement of commingled production

RECEIVED
APR 16 1986
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED Kevin H. McCord TITLE Petroleum Engineer DATE March 18, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
APR 15 1986
/s/ James F. Keller
FOR AREA MANAGER

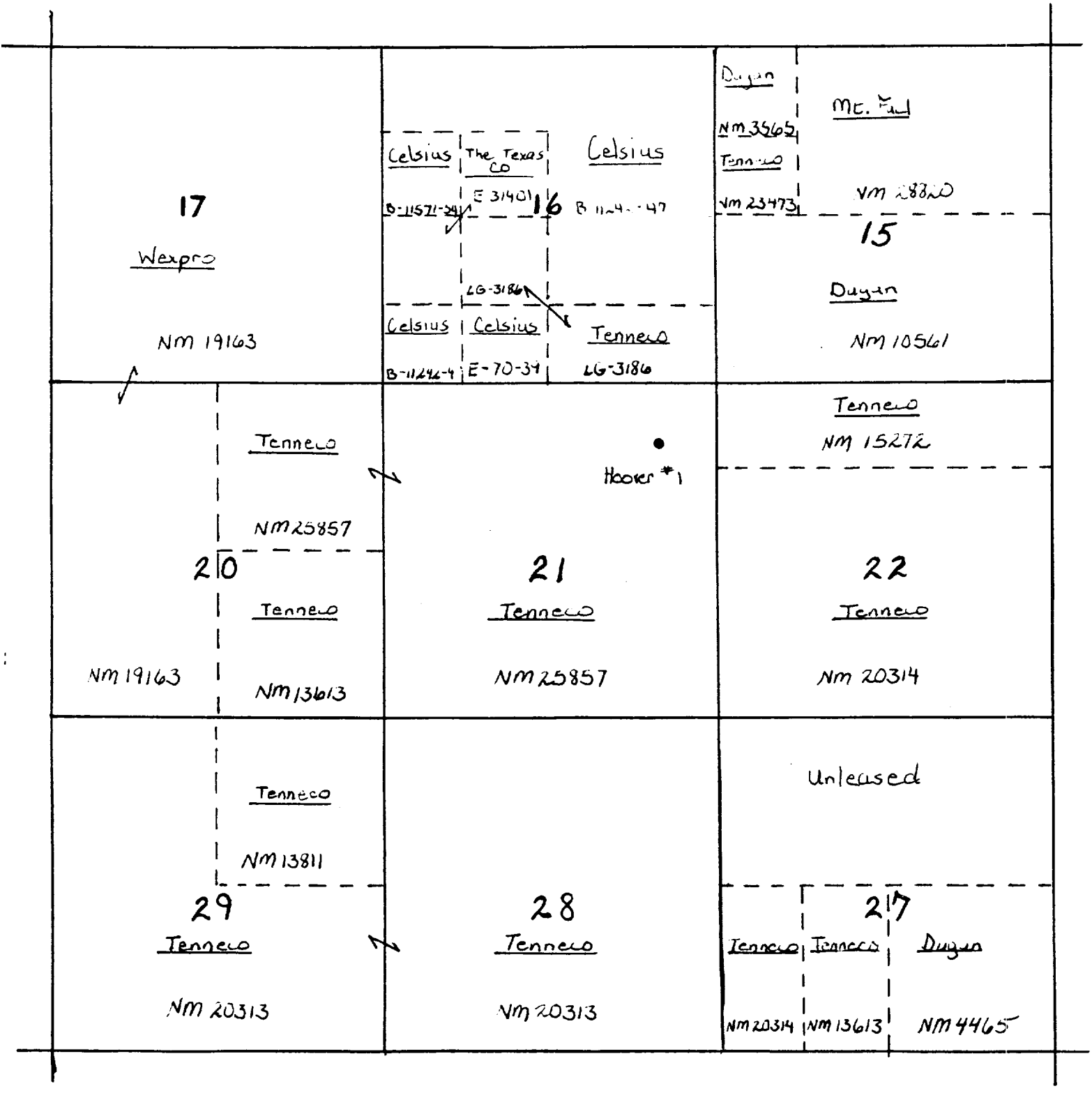
on 7

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T30N R14W


17
Wexpro
NM 19163
Celsius
B-11521-24
The Texas Co
E 31401
16
Celsius
B 11241-47
LG-3186
Celsius
B-11241-4
Celsius
E-70-34
Tenneco
LG-3186
Dugan
NM 3565
Tenneco
NM 23473
Mc. Fuel
NM 28820
15
Dugan
NM 10561
Tenneco
NM25857
Hooker #1
Tenneco
NM 15272
20
Tenneco
NM 19163
NM 13613
21
Tenneco
NM 25857
22
Tenneco
NM 20314
Tenneco
NM 13811
29
Tenneco
NM 20313
28
Tenneco
NM 20313
Unleased
27
Tenneco
NM 20314
Tenneco
NM 13613
Dugan
NM 4465

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test			Test Date	
[X] Initial	[ ] Annual	[ ] Special	2/24/86	

Company	Connection		
Robert L. Bayless	None		
Pool	**Formation**		**Unit**
Undes. Fruitland Undes. Pic. Cliff	P.C. and Fruitland		

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
8/5/85	6150	1327	5652 GL	Hoover

Csg. Size	Wt.	d	Set At	Perforations:	Well No.
2.875	6.5	2.441	1367	From 846 To 1259	#1

Tbg. Size	Wt.	d	Set At	Perforations:	Unit	Sec.	Twp.	Rge.
1.660	2.3	1.380	1227	From To	A	21	30	14

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
Single - commingled Fruitland & P.C.	None	San Juan

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
annulus			12 psia - est.	New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.70 (est)						

	FLOW DATA				TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 days						197		
1.	2 inch X .750						9	70° F	3 hrs
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		21	.9905	.9258	1.007	240
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 209 P_c^2 43,681

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		39	1506	42,175
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0357$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0303$

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 247$

Absolute Open Flow	Angle of Slope θ	Slope, n
247 Fruitland & P.C. Mcfd @ 15.025		.85

Remarks: NOTE: Fruitland and P.C. are both open for this test. From previous test and this test, zone tests are as follows: Fruitland Q = 45 AOF = 25
(TOTALS: Q = 240 AOF = 247) Pic. Cliff Q = 195 AOF = 222

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Tom Smith	Kevin McCord	

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 8/12/85	
Company: Robert L. Bayless		Connection: None			
Pool: Undes. Fruitland Undes. Pic. Cliffs		Formation: Fruitland Only			Unit
Completion Date: 8/5/85	Total Depth: 6150		Plug Back TD: 1327	Elevation: 5652' GL	Farm or Lease Name: Hoover
Csg. Size: 2.875 / Wt.: 6.5 / d: 2.441 / Set At: 1367			Perforations: From 846 To 1259		Well No.: #1
Tbg. Size: None / Wt. / d / Set At			Perforations: From To		Unit: A / Sec.: 21 / Twp.: 30 / Rge.: 14
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single-Commingled Fruitland & P.C.			Packer Set At: NONE		County: San Juan
Producing Thru: casing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0 psi (est)		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.70 (est)						

	FLOW DATA				TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 days						175		
1.	2 inch X .375						58	78°F	3 hours
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	3.030		70	.9831	.9258	1.010	195
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_f	Z
1				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 187 P_c^2 34.969

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		70	4950	30.019
2		(calculated)		
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1649$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1385$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 222$

Absolute Open Flow 222 Fruitland Only Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: NOTE: P.C. was covered with sand, therefore this test is for Fruitland ONLY

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Tom Smith	Kevin McCord	

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

RECEIVED
MAR 19 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.: NM 25857
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Hoover
9. WELL NO.: #1
10. FIELD AND POOL, OR WILDCAT: Basin Dakota
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 21, T30N, R14

2. NAME OF OPERATOR: Robert L. Bayless
3. ADDRESS OF OPERATOR: P.O. Box 168, Farmington, NM 87499
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 860' FNL & 870' FEL
At top prod. interval reported below
At total depth: same

14. PERMIT NO.: same
DATE ISSUED:
12. COUNTY OR PARISH: San Juan
13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-15-85	4-25-85	7-31-85	5652' GL	5664' KB

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6150'	1327'		→	0-TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
846'-862' Fruitland
1223'-1236' } Pictured Cliffs
1254'-1259' }

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction Gamma Ray, Comp. Density-Comp. Neutron

27. WAS WELL CORED: no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#/ft	225'	12¼"	142 ft³ Class B w/2% CaCl	
2-7/8"	6.5#/ft	1367'	7-7/8"	227 ft³ 50-50 pozmix 2% gel 10% salt	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

846' - 862' 16'
1223'-1236' 13'
1254'-1259' 5'
34'

34 holes .34" dia.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
846'-1259'	250 gallons 7½% weighted acid w/ 51 ball sealers. Frac w/ 20,000 gallons 70 quality foam w/2% KCL water, 1 gal/1000 surfactant, ½ gal/1000 clay stabilizer, 25,000 lbs 10-20 mesh sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-31-85	flowing	shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-12-85	3 hours	3/4"		--	38	--	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
--	58		--	222	--	--

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): To be sold
TEST WITNESSED BY: Kevin McCord

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Kevin H. McCord TITLE Petroleum Engineer DATE 8-19-85

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	Surface	Surface	Fresh water
Fruitland	838'	1222'	Natural gas
Pictured Cliffs	1222'	1332'	Natural gas
Mesa Verde Group	2720'	4025'	water
Gallup	4987'	5518'	water
Greenhorn	5732'	5822'	water
Dakota	5822'	6107'	water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	Surface	
Fruitland	838'	
Pictured Cliffs	1222'	
Mesa Verde Group	2720'	
Greenhorn	4987'	
Dakota	5732'	
	5822'	

ROBERT L. BAYLESS
PETROLEUM PLAZA BUILDING
P. O. BOX 1541
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

Hoover #1
Sec. 21, T30N, R14W
860' FNL & 870' FEL
San Juan County, New Mexico

DAILY REPORT

4-16-85 Spud well @ 4:00 p.m. 4-15-85. Drilled 225' of 12¼" surface hole. Ran 211' of 8-5/8" 24#/ft J-55 new casing. Set @ 225' RKB. Cemented surface with 142 ft^3 (120 sx) Class B w/2% $CaCl_2$. Good circulation throughout job. Circulated cement to the surface. Plug down at 4:30 a.m. 4-15-85. WOC.

4-17-85 Drilling @ 2298'. Lewis Shale. Mud wt. 8.8; Visc. 30; W.L. 9.4. Deviations: ½° @ 1221'; 3/4° @ 1715'; and 3/4° @ 2237'.

4-18-85 Drilling @ 3670. Mud wt. 8.9; Visc. 29; W.L. 12.5.

4-19-85 Drilling @ 4495'. Mud 8.9; Visc. 28; W.L. 9.5. Deviation ½° @ 4109.

4-20-85 Drilling @ 5270'. Mud wt 8.9; Visc. 28; W.L. 9.4. Deviations: 3/4° @ 4628', 1° @ 5149'.

4-21-85 Wash & run to bottom. 5420' Depth. Mud wt. 8.9; Visc. 28; W.L. 8.8. Deviation: 1-3/4° @ 5420'.

4-22-85 Tripping in hole. 5420' Depth. Mud wt. 8.9; Visc. 30; W.L. 8.6.

4-23-85 Wash to bottom, Bit #5. 5547' Depth. Made 127' in 6½ hours. Mud wt. 8.9; Visc. 40, W.L. 8.8.

4-24-85 Drilling @ 6035'. Mud Wt. 8.9; Visc. 41; W.L. 6.8.

4-25-85 Waiting on orders. 6150' T.D. Made 115'. Mud wt. 9.1, Visc. 72, W.L. 8.0. 3° @ 6150'. Ran Ind. GR, CD & CN logs.

4-26-85 Plug back well as follows:

DEPTH	FORMATION	SIZE PLUG	TYPE PLUG
5920-5820	Dakota	40sx-47ft^3	Class B (40% excess)
5050-4950	Gallup	40sx-47ft^3	Class B (40% excess)
4070-3970	Mancos	40sx-47ft^3	Class B (40% excess)
2770-2670	Mesaverde	40sx-47ft^3	Class B (40% excess)

Ran 44 joints of 2-7/8" 6.5#/ft J-55 EUE used casing as follows:

DESCRIPTION	LENGTH	DEPTH
KB to landing point	12.00	0-12
43 jts 2-7/8" 6.5#/ft J-55 EUE used casing	1324.20	12-1336
1 baffle plate	0.00	1336
1 jt 2-7/8" 6.5#/ft J-55 EUE used casing	30.80	1336-1367

Cemented casing with 180 sx (227 ft^3) 50-50 pozmix containing 2% gel and 10% salt. Good circulation throughout job. Displaced with 100 gallons of acedic acid and sugar water. Bumped plug to 1500 psi. Held Ok. Plud down @ 7:00 a.m. 4/26/85. Released rig.

7-31-85 Rig up the Western Company. Pressure test 2-7/8" casing to 2500 psi. Well lost 1900 psi in 5 minutes. Rigged up Basin Perforatos. Ran Gamma ray-CLL from PBTD of 1327' RKB to 700' RKB. Perforated the Pictured Cliffs and Fruitland intervals with 1 JSPF as follows:

846-862'	16'
1223-1236'	13'
1254-1259'	5'
	34' 34 holes (.34" diameter)

Broke down perforations at 1200 psi. Established rate of 7.8 BPM at 800 psi, ISIP = 250 psi. Acidized down the casing with 250 gallons of 7½% weighted HCL acid containing 51 1.1 s.g. RCN ball sealers. Acid rate 5.8 BPM @ 700 psi. Saw very little ball action. Final injection rate was 5.7 BPM @ 750 psi, ISIP = 250 psi. Ran junk basket to recover ball sealers. Did not recover any ball sealers. Fracture stimulated Pictured Cliffs and Fruitland zones with 20,000 gallon of 70 quality foam containing 2% KCL water, 1 gal/1000 surfactant, ½ gal/1000 clay stabilization agent and 25,000 lbs of 10-20 mesh sand as follows:

7-31-85 (Cont.)	5,000 gallons of 70 quality foam pad	20 BPM @ 1250 psi
	5,000 gallons of 1 ppg 10-20 sand	20 BPM @ 1300 psi
	10,000 gallons of 2 ppg 10-20 sand	20 BPM @ 1300-1550 psi
	297 gallons flush with nitrogen	20 BPM @ 1150 psi

ISIP = 1000 psi, 5 min = 850 psi, 10 min = 800 psi, 15 min = 800 psi. Average rate 20 BPM, average pressure 1300 psi, maximum pressure 1550 psi, minimum pressure 1250 psi. Average nitrogen rate 3750 SCF/min. Total nitrogen pumped 90,638 SCF. Total load to recover 172 bbls. Shut well in for 5 hours. Opened to flow through a ½" tapped bull-plug. Well flowing to cleanup. SDFN.

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	Lease	Well No.
R. L. BAYLESS	HOOVER	1

Unit Letter	Section	Township	Range	County
A	21	30N	11W	San Juan

Actual Footage Location of Well:
860 feet from the North line and 870 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
5652	Fruitland/Pictured Cliffs		320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

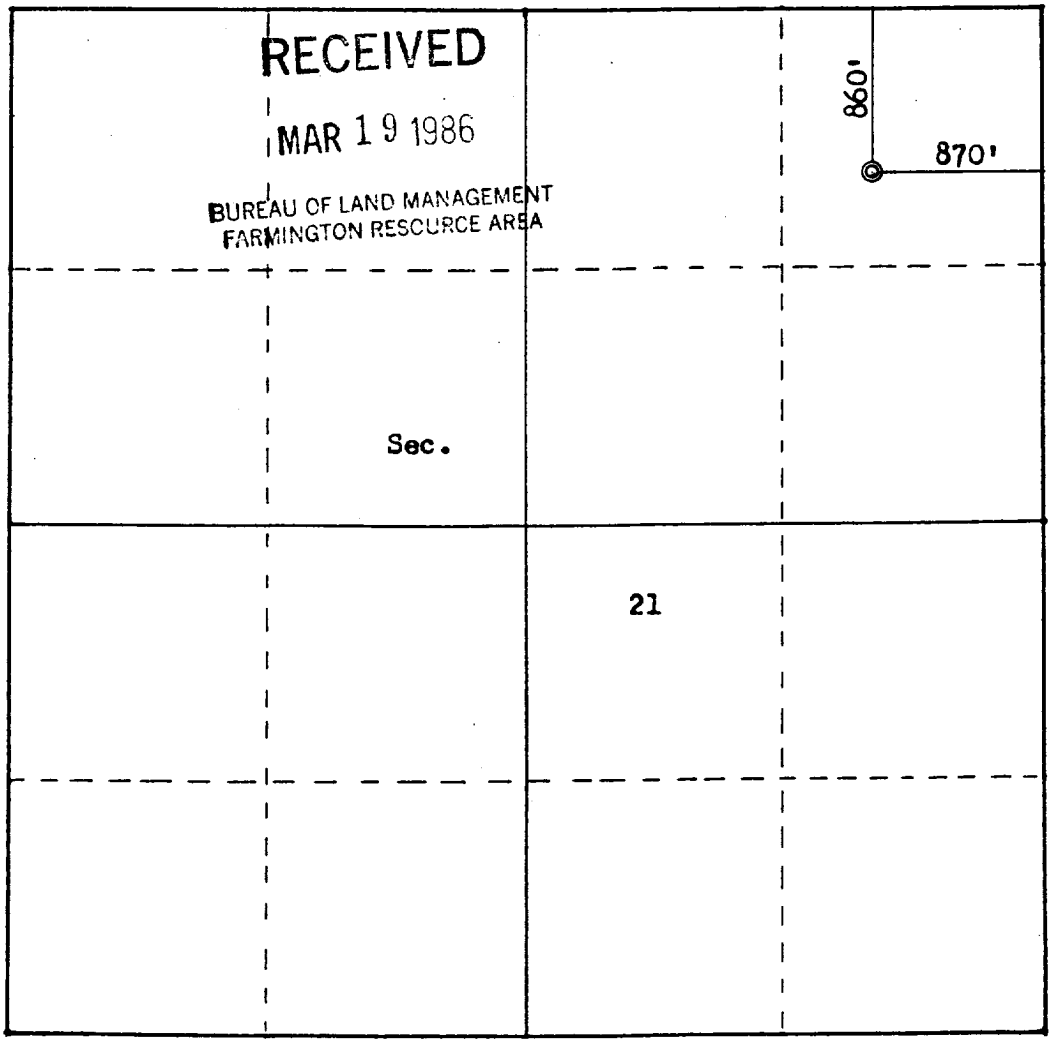
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract 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.



Scale: 1"=1000'

CERTIFICATION

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

Name: Robert L. Bayless

Position: Operator

Company: Robert L. Bayless

Date:

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

Date Surveyed: March 29, 1985

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. 3950

ROBERT L. BAYLESS
PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

March 18, 1986

Celsius Energy Company
P.O. Box 11070
Salt Lake City, UT 84147

RE: Hoover #1
P.C.Fruitland Commingling

Gentlemen:

I have recently completed the Hoover #1 well in Section 21 of T30N, R14W in San Juan County, New Mexico. We plan to commingle the Fruitland and Pictured Cliff formations downhole. In order to obtain approval from the Oil Conservation Division Director we must obtain waivers of objections from all offset lease holders. If you have no objections to our plans please execute the waiver portion of this letter and return one copy to us at the above address and an other copy to the Division Director, Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87501.

If you require additional information please advise.

Yours truly,

Robert L. Bayless

RLB/gsb

Enclosure: Offset Leaseholder Plat

I have no objection to the above stated plans.

_____

CELSIUS ENERGY COMPANY

_____

Date

ROBERT L. BAYLESS
PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

March 18, 1986

Tenneco
P.O. Box 3249
Englewood, CO 80155

RE: Hoover #1
P.C.Fruitland Commingling

Gentlemen:

I have recently completed the Hoover #1 well in Section 21 of T30N, R14W in San Juan County, New Mexico. We plan to commingle the Fruitland and Pictured Cliff formations downhole. In order to obtain approval from the Oil Conservation Division Director we must obtain waivers of objections from all offset lease holders. If you have no objections to our plans please execute the waiver portion of this letter and return one copy to us at the above address and an other copy to the Division Director, Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87501.

If you require additional information please advise.

Yours truly,

Robert L. Bayless

RLB/gsb

Enclosure: Offset Leaseholder Plat

I have no objection to the above stated plans.

_____

TENNECO OIL COMPANY

_____

Date

ROBERT L. BAYLESS
PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

March 18, 1986

Dugan Production Company
P.O. Box 208
Farmington, NM 87499

RE: Hoover #1
P.C.Fruitland Commingling

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