

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other, Dry Hole

2. NAME OF OPERATOR
Belco Development Corporation

3. ADDRESS OF OPERATOR One Petroleum Center,
Building 6, Suite 201 Midland, Texas 79705

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 990' FSL & 1940' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM - 13641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
APD Federal

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Antelope Ridge - Cherry Canyon

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec 10, T-23-S, R-34-E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

14. API NO.
30-025-28554

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 3403, DF 3402, GL 3387

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Drilling to TD.</u>	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Spud @ 7 PM 12-31-83. Drill 17-1/2" hole to 656'. Run 13-3/8", 54.5#, K-55, STC casing as follows: shoe, 1 jt casing, float collar, 16 jts casing. Total of 659.02', set @ 645'. Cement w/500 sx Lite + 3% salt + 1/4#/sk celloflakes. Tail in w/200 sx Class "C" + 2% CaCl2. Circulate 55 sks to surface. Bump plug with 800 psi @ 11 PM 1-11-84. Float held OK. WOC 16-1/2 hrs. Drill float collar and cement. Test casing to 600 psi. OK. Drill 12-1/4" hole to 3500'. Run 10-3/4", 45.5#, K-55, STC casing as follows: shoe, 1 joint casing, float collar, 89 joints casing. Total of 3526.94'. Set @ 3498'. Cement w/800 sxs Lite + 3% salt + 1/4#/sk Celloflake. Tail in w/200 sxs Class "C" + 1% CaCl2 + 1/4#/sk Celloflake. Circulate 185 sks to surface. Bump plug w/1500 psi @ 8:30 AM 1-25-84. Float held OK. NU BOP's. Test BOP's to 2000 psi. OK. WOC 47-1/2 hrs. Drill float collar and cement. Test casing to 1000 psi. OK. Drill 9-7/8" hole to 4992'. Run 7-5/8" casing as follows: float shoe, 1 jt 33.70#, P110, flush joint casing, (con't on back)
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED L. W. Helms, Jr L. W. Helms, Jr TITLE Drilling Engineer DATE 11-6-84

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL IF ANY: NOV 1984

[Signature]

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

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

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud, or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and data well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-149

40 jts 26.40#, N-80, LTC casing. Total of 4920.34'. Set @ 4917'. Cement w/1330 sxs pacesetter Lite C + 5% salt + 0.2% AFS. Tail in w/200 sxs Class "C" + 1% CaCl2. Bump plug w/1500 psi @ 7:49 PM 2-2-84. WOC 34-1/2 hrs. Drill float collar. Test casing to 1000 psi OK. Drill 6-1/2" hole to 7188'. TD @ 3 PM 2-8-84. Run following logs: GR/CNL/FDC, DIL/SFL, EPT. Prep to P&A. Spot 40 ex Class "H" cement from 4970-4870'. Cut 7 5/8" casing @ 3310'. POH w/3310' of 7 5/8" casing. Spot 50 ex Class "H" cement w/3% CaCl2 from 3360 to 3250'. WOC 5 hrs. Tag cement plug with wireline @ 3250'. Spot 10 exs Class "H" cement @ surface. Weld steel plate on top of cutoff. Erect dry hole marker. Well P & A'd 2-11-84.

*per Telcon w/ Bill Helms
11/13/84
JWS Q*

NOV 15 1984

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY RECEIVED

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Belco Development Corporation

3. ADDRESS OF OPERATOR
411 Petroleum Bldg.
Midland, Texas 79701

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 990' FSL \$ 1940' Section 7
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON* Spud	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE	NM 13641
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	335 Federal APD
9. WELL NO.	#1
10. FIELD OR WILDCAT NAME	Antelope Ridge-Cherry Canyon
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 10, T23S, R34E
12. COUNTY OR PARISH	Lea
13. STATE	NM
14. API NO.	30-025-28554
15. ELEVATIONS (SHOW DF, KDB, AND WD)	3387' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

- Spudded 12-31-1983, at 7:PM MST.
- Set 20" conductor to 40'. Cmt w/redimix. Drld 10' of 8½" hole to 50'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Ade B. Johnson TITLE Receptionist DATE 1-5-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

APD
JAN 1 1984

THE HOBBS OFFICE
1000 HOBBS OFFICE
1000 HOBBS OFFICE

RECEIVED
JAN 13 1984
O.C.D.
HOBBS OFFICE

N. M. OIL FIELD
P. O. BOX 30
HOBBS, NEW MEXICO 88240
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 7 GATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-025-28554

RECEIVED
DEC 27 1983

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 Belco Development Corporation

3. ADDRESS OF OPERATOR
 10,000 Old Katy Road, Suite 100, Houston, Texas 77055

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 990' FSL & 1940' FEL Section 7
 At proposed prod. zone
 990' FSL & 1940' FEL Section 7

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 21 miles NW of Jal, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 990'

16. NO. OF ACRES IN LEASE
 400

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1000'

19. PROPOSED DEPTH
 7500'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3387' GR

22. APPROX. DATE WORK WILL START*
 12-30-83

5. LEASE DESIGNATION AND SERIAL NO.
 NM 13641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 -APD Federal APD

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Antelope Ridge-Cherry Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 10, T23S, R34E

12. COUNTY OR PARISH
 Lea

13. STATE
 NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20" New	94#	40'	Redi Mix CIRCULATE
17 1/2"	13-3/8" New	54.50#	600'	500 sx CIRCULATE
12 1/4"	10-3/4"	45.50#	3500'	950 sx <i>See Start</i>
9-7/8"	7-5/8" Liner	26.40#	5000'	600 sx
6-3/4"	5" Liner	18#		

- The formation @ surface is Quaternary Alluvium, mainly sand dunes.
- Est tops: Rustler 213', Cherry Canyon 5721', Brushy Canyon 7152'.
- Oil in Cherry Canyon & Brushy Canyon.
- Casing Design: new casing as shown above.
- BOP Program: 3 BOP 5000#; 1 Hydril, 1 pipe ram, 1 blind ram for shallow depths & deeper depths. Tested upon installation & periodically tested; operated daily. (See schematic).
- Mud Program: 0-600' fresh, 600'-3400' brine 10.0; 3500'-5000' cut brine 9.0; 5000-7500' non-dispersed to 9.0.
- Auxiliary: Rotating stripper head below intermediate; lower Kelly cock valve, 5000# choke and choke manifold, drillstring safety valve on floor.
- Drillstem testings as required; Logging: Guard Forxo; Acou-Neut-Gr.
- Anticipated startup 12-30-83 will take 35 days to drill to TD.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED P. E. Ilavia TITLE Division Drilling Engineer DATE 12-22-83
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY S/Richard Bastin TITLE Associate District Manager DATE DEC 30 1983

APPROVAL SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED

*See Instructions On Reverse Side

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.

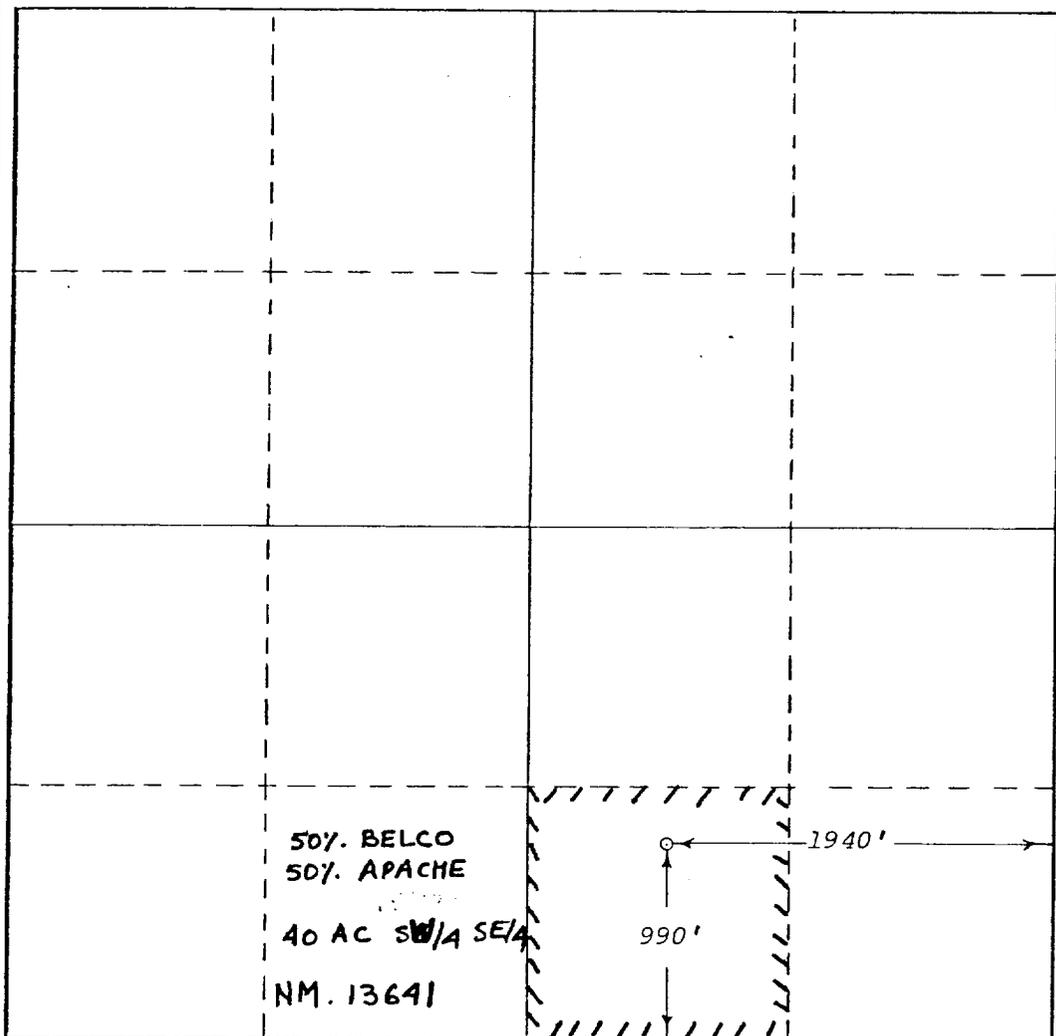
Operator BELCO DEVELOPMENT		Lease APD FEDERAL APD		Well No. 1
Unit Letter	Section 10	Township 23-S	Range 34-E	County LEA COUNTY, NEW MEXICO
Actual Footage Location of Well: 990 feet from the SOUTH line and 1940 feet from the EAST line				
Ground Level Elev. 3387	Producing Formation Cherry Canyon	Pool	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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).
- 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.



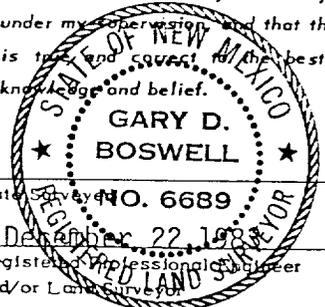
CERTIFICATION

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

ps Stavia

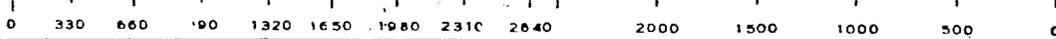
Name
Division Drilling Engineer
Position
BELCO DEVELOPMENT CORP.
Company
December 27, 1983
Date

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 **40. 6689**
December 22, 1983
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 1-4-65

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

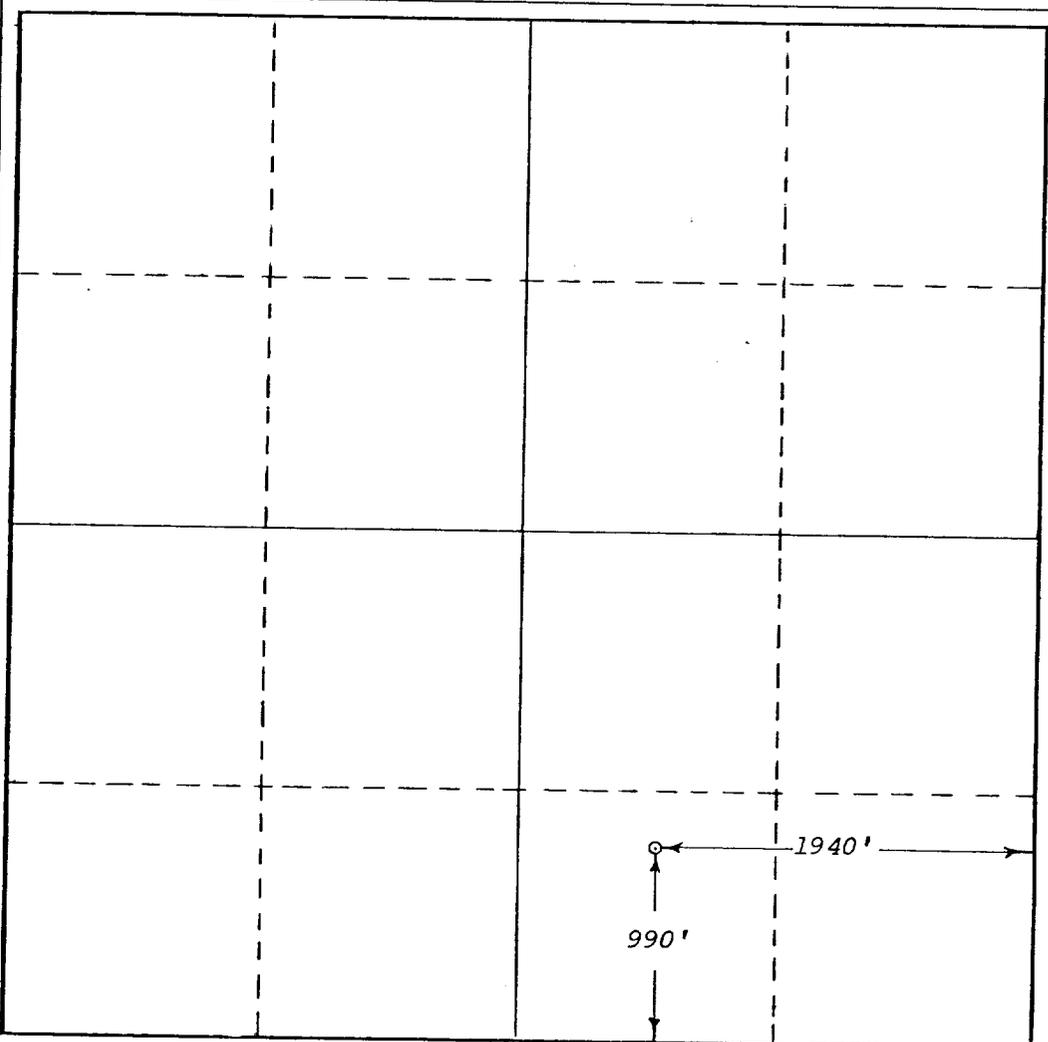
Operator BELCO DEVELOPMENT		Lease APD FEDERAL APD		Well No. 1
Unit Letter	Section 10	Township 23-S	Range 34-E	County LEA COUNTY, NEW MEXICO
Actual Footage Location of Well: 990 feet from the SOUTH line and 1940 feet from the EAST line				
Ground Level Elev. 3387	Producing Formation	Pool	Dedicated Acreage: 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.



CERTIFICATION

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

Name

Position

Company

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

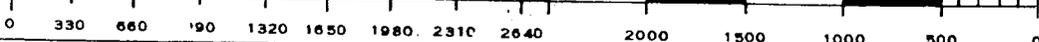
December 22, 1983

Registered Professional Engineer and/or Land Surveyor

Gary D. Bouswell

Certificate No.

6689



78-22-E
FEB 1984

RECEIVED
JAN 3 1984
O.C.D.
HOBBS OFFICE